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August 10, 2021

Ms. Jan Zimmerman, PG
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Subject: Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results, Site-wide Groundwater Monitoring Program, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Dear Ms. Zimmerman and Ms. Lopez:

Enclosed are the Second Quarter (April through June 2021) groundwater monitoring and domestic well sampling results for the Site-wide Groundwater Monitoring Program (GMP) for the Pacific Gas and Electric Company (PG&E) Hinkley Site (the site; Global Identification No. SL0607111288). This Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results Report (report) is being submitted in accordance with the California Regional Water Quality Control Board, Lahontan Region (Water Board) Cleanup and Abatement Order No. R6V-2015-0068¹ (2015 CAO) dated November 4, 2015.

PG&E plans to evaluate chromium concentrations in the Upper Aquifer throughout the Hinkley and Water Valleys as part of the background studies with the Technical Working Group, which includes the Water Board, United States Geological Survey, Community Advisory Committee, and Independent Review Panel. Further updates to the assessment of the nature and distribution of chromium will be forthcoming as the background study concludes.

¹ Water Board. 2015. Cleanup and Abatement Order R6V-2015-0068 Requiring Pacific Gas and Electric Company (PG&E) to Clean Up and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit, for PG&E Compressor Station, Hinkley, San Bernardino County. November 4.

Ms. Zimmerman

Ms. Lopez

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I certify, under penalty of perjury, in conformance with the laws of the State of California, that this report is true, complete, and accurate, to the best of my knowledge.

Please call me at (415) 314-8530 if you have any questions regarding this report.

Sincerely,

A handwritten signature in black ink, appearing to read 'Iain Baker', is written over a horizontal line.

Iain Baker

Hinkley Remediation Project Manager

Enclosure: Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results,
Site-wide Groundwater Monitoring Program, Pacific Gas and Electric Company, Hinkley Compressor
Station, Hinkley, California

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results

**Site-wide Groundwater Monitoring Program
Hinkley Compressor Station
Hinkley, California**

August 10, 2021

SECOND QUARTER 2021 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS

Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results

Site-wide Groundwater Monitoring Program

Hinkley Compressor Station

Hinkley, California

August 10, 2021

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Our Ref:

30046045

This report was prepared under the supervision of the following California Registered professional



Isaac Wood

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Executive Summary

This Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results presents results of groundwater sampling completed during Second Quarter 2021 as part of the Site-wide Groundwater Monitoring Program (GMP) and Domestic Well Sampling Program (DWSP). These programs are associated with the groundwater chromium plume at and near the Pacific Gas and Electric Company (PG&E) Hinkley Compressor Station (the site) located in Hinkley, California.

The GMP is being conducted in compliance with a Cleanup and Abatement Order (CAO) issued by the California Regional Water Quality Control Board, Lahontan Region (Water Board). The current GMP was established in CAO No. R6V-2015-0068 (2015 CAO; Water Board 2015b), issued on November 4, 2015. The DWSP was also revised in the 2015 CAO, and the sampling frequency is further modified annually (Arcadis 2017a, 2017b, 2018a, 2018b, 2019a, 2021a; Water Board 2017a, 2018, 2019, 2020). The sampling frequency changes implemented are documented in Appendix C of the Annual Cleanup Status and Effectiveness Report (Arcadis 2021a). Sampling and reporting for Second Quarter 2021 GMP and DWSP events were conducted in accordance with the 2015 CAO and the revised sampling frequencies.

Second Quarter 2021 Groundwater Monitoring

During Second Quarter 2021, groundwater samples were collected from 361 wells (including water supply wells, extraction wells, and remediation performance monitoring wells) and 31 domestic and other private supply wells in response to the sampling requirements of the 2015 CAO and other site-wide monitoring programs. All samples were analyzed for hexavalent chromium (Cr[VI]) and/or total chromium (Cr[T]) as appropriate. Samples collected from select monitoring wells were also analyzed for constituents other than Cr(VI) and Cr(T) (e.g., nitrate) for other monitoring purposes. Groundwater levels in both the Upper Aquifer (UA) and Lower Aquifer (LA) were measured to assess groundwater gradient and flow directions.

For the purposes of site-wide groundwater monitoring and reporting, the groundwater monitoring wells were subdivided and classified into the following three aquifer zones: the shallow zone of the UA, the deep zone of the UA, and the LA.

Chromium Monitoring Results

The chromium sampling results from Second Quarter 2021 were used to update the site-wide GMP chromium distribution figures for the UA and LA (Figures 5-1 through 5-5). The Second Quarter 2021 chromium plume outlines for the UA are compared with those from First Quarter 2021 on Figure 5-6 and are discussed in Section 5.4. In general, Second Quarter 2021 chromium plume outlines were generally similar to those defined by First Quarter 2020 concentrations with the following exceptions:

- The inferred 3.1/3.2 microgram per liter (µg/L) chromium isoconcentration contour was contracted west of MW-226S in the Northern Disputed Plume Area.
- The 3.1/3.2 µg/L chromium isoconcentration contour was contracted east of G-5R near Alculia Road and east of MW-108D near Mountain View Road north of the Barstow-Bakersfield Highway.
- A bubble 3.1/3.2 µg/L contour was removed from MW-69S north of Alculia Road.
- Isolated bubble 3.1/3.2 µg/L contours were added around wells MW-153S, EX-36, and MW-66 north of the Barstow-Bakersfield Highway near Serra Road.

Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results

- The 3.1/3.2 µg/L chromium isoconcentration contour was contracted west of MW-214S, MW-110S, and MW-216S near Acacia Street.
- The 3.1/3.2 µg/L chromium isoconcentration contour was expanded west of MW-220S south of Community Boulevard.

In accordance with the 2015 CAO, sampling in monitoring or domestic wells located southwest of the Lockhart Fault or east of Dixie Road is not required for plume contouring. Monitoring wells in these areas were not sampled during the current quarter.

Domestic Well Sampling Program

During Second Quarter 2021, 31 domestic and other private supply wells were sampled as part of the DWSP. Two of the wells sampled (23-30 and 28N-05) exhibited concentrations of Cr(VI) and/or Cr(T) exceeding 3.1 and 3.2 µg/L, respectively. Well 23-30 is PG&E-owned and located south of Thompson Road, between Summerset and Mountain View Roads. Cr(VI) and Cr(T) concentrations in well 23-30 were 3.2 µg/L and 3.2 µg/L, respectively. Well 28N-05 is located in the northern portion of the DWSP area in Water Valley, west of Hinkley Road and south of Sunset Road (Halsted Road). Cr(VI) and Cr(T) concentrations in well 28N-05 were 3.4 µg/L and 3.1 µg/L, respectively, during the Second Quarter of 2021. Cr(VI) and Cr(T) concentrations in 28N-05 have been above 3.1 µg/L and 3.2 µg/L, respectively, since the well was first sampled in July 2012.

PG&E will continue quarterly sampling of domestic supply wells in accordance with the 2015 CAO. The next domestic well sampling event is scheduled to be completed by September 30, 2021, and the results will be presented in the Third Quarter 2021 Groundwater Monitoring Report.

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Acronyms and Abbreviations

µg/L	microgram(s) per liter
2015 CAO	Cleanup and Abatement Order No. R6V-2015-0068, November 4, 2015
2016 NOA	Notice of Applicability, April 20, 2016
Arcadis	Arcadis U.S., Inc.
ATU	Agricultural Treatment Unit
CAO	Cleanup and Abatement Order
CDPH	California Department of Public Health
CH2M	CH2M HILL, Inc.
Cr(T)	total dissolved chromium
Cr(VI)	hexavalent chromium
CSM	conceptual site model
DWSP	Domestic Well Sampling Program
GMP	Site-wide Groundwater Monitoring Program
IRZ	In Situ Reactive Zone
K	hydraulic conductivity
LA	Lower Aquifer
Lower Aquifer CSM Report	Updated Conceptual Site Model and Background Chromium Concentrations for Lower Aquifer Report
MCL	maximum contaminant level
mg/L	milligrams per liter
NOA	Notice of Applicability
NWFI	Northwest Freshwater Injection System
PG&E	Pacific Gas and Electric Company
report	Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
the site	Hinkley Compressor Station, Hinkley, California
TDS	total dissolved solids
UA	Upper Aquifer
USGS	United States Geological Survey
Water Board	California Regional Water Quality Control Board, Lahontan Region
WDR	Waste Discharge Requirement

1 Introduction

This Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results Report (report) presents results of the groundwater sampling completed during Second Quarter 2021 as part of both the Site-wide Groundwater Monitoring Program (GMP) and the Domestic Well Sampling Program (DWSP) for the groundwater chromium plume associated with Pacific Gas and Electric Company's (PG&E's) Hinkley Compressor Station located in Hinkley, California (the site). Figure 1-1 provides a location map for the site, and Figure 1-2 presents key place names or features mentioned throughout this report.

1.1 Groundwater Monitoring Program

Groundwater at the site is being monitored and sampled in compliance with a Cleanup and Abatement Order (CAO) issued by the California Regional Water Quality Control Board, Lahontan Region (Water Board 2015b). The purpose of the GMP is to monitor and document chromium concentrations in groundwater beneath the site. The GMP wells are sampled in quarterly, semiannual, annual, and biannual monitoring events. The Second Quarter 2021 groundwater monitoring event, conducted in April through June 2021 and presented in this report, is a semiannual monitoring event under the approved GMP.

1.1.1 Regulatory Framework

In 2015, a new GMP was established in CAO No. R6V-2015-0068 (2015 CAO; Water Board 2015b). The 2015 CAO identifies the domestic and monitoring wells to be sampled, frequency of sampling, and reporting requirements. The 2015 CAO replaces previous CAOs and directives. The Second Quarter 2021 groundwater sampling and reporting followed the requirements documented in the 2015 CAO. The 2015 CAO acknowledges that chromium concentrations in the areas southwest of the Lockhart Fault (as projected) and on or east of Dixie Road are not likely related to PG&E's historical release and, therefore, do not need to be included in plume contours. There were no wells sampled under the chromium program in this area during the current quarter, except for domestic wells under Board Order R6V-2014-0023 (Agricultural Treatment Unit [ATU] Waste Discharge Requirements [WDRs]; Water Board 2014).

During First Quarter 2021, Arcadis U.S., Inc. (Arcadis) evaluated the sampling frequencies for monitoring wells per the requirements of the 2015 CAO and, consequently, proposed sampling frequency changes. The sampling frequency changes implemented are documented in Appendix C of the Annual Cleanup Status and Effectiveness Report (Arcadis 2021a). The revised sampling schedule was implemented beginning in First Quarter 2021.

The 2015 CAO (Section III.B.1.a) requires the use of domestic wells for contouring if they are in the northern area, where no monitoring well is located within 0.5 mile of the domestic well. In all other areas of the site, domestic wells are not used to define chromium contouring. Where domestic wells are required to be used for chromium contouring, the boundary lines are dashed on the figures to indicate uncertainty.

Previously, the California Department of Public Health (CDPH) adopted a maximum contaminant level (MCL) specific to hexavalent chromium (Cr[VI]) of 10 micrograms per liter (µg/L; Water Board 2015a). On August 1, 2017, the Water Board issued a resolution to remove the 10 µg/L Cr(VI) standard.

1.1.2 Groundwater Monitoring Approach and Organization

The groundwater investigation network consists of approximately 652 monitoring wells and piezometers distributed throughout a study area that is approximately 4 miles wide and approximately 10 miles long. Installation of this network began in 1988, and construction and sampling of new wells continues, as directed by the Water Board and as needed by PG&E, to complete the groundwater remediation project. No new wells were installed in Second Quarter of 2021. The significant size of this study area has necessitated its division into three geographical subareas: South Hinkley Valley, North Hinkley Valley, and Water Valley. Each subarea is discussed separately throughout this report, as necessary, and their locations are shown on Figure 1-2.

The U.S. Geological Survey (USGS) has recently published new information on the Lockhart Fault Zone in the vicinity of the site (Figure 1-2) (Miller 2018, Miller et al. 2020). The USGS efforts to develop a greater understanding of the Lockhart Fault Zone were conducted as one part of several elements in the Hinkley chromium background study (Izbiki and Groover 2018). A final chromium background study report is pending; however, the improved understanding of the Lockhart Fault Zone revealed in Miller et al. (2020) has shown there to be numerous fault splays present throughout the southern plume area. As noted in Miller et al. (2020), the hydrologic character of individual fault splays is not known, and it is possible that more fault strands exist. These uncertainties associated with the Lockhart Fault Zone result in difficulty predicting the effects of the fault strands on groundwater movement. The additional Lockhart Fault Zone splays are shown on Figure 1-2 as dashed black lines. The hydrologic influences of these newly identified fault splays within the plume core areas, containing the highest chromium concentrations on site, are just beginning to be understood. However, the fault splays represent a significant additional subsurface complexity that will need to be evaluated and incorporated into future remedial design, operations, and groundwater flow modeling.

Numerous investigations have been completed in South and North Hinkley Valleys, and PG&E's interpretation of the hydrostratigraphy in these areas has been documented in many reports including Stantec's Compliance with Provision 1.C. of Cleanup and Abatement Order No. R6V-2008-0002-A4 and Requirements of Investigation Order No. R6V-2013-0029 (Stantec 2013). In contrast, in Water Valley, hydraulic testing data for wells in this area are limited; therefore, the groundwater flow conditions and the nature and extent of chromium in groundwater in Water Valley are less understood. Monitoring wells throughout the three subareas are constructed based on the interpreted hydrostratigraphy and are classified into groups as described below. The nomenclature associated with this monitoring well network reflects the hydrostratigraphy when feasible; variations in naming conventions indicate evolving interpretations as more wells are constructed and more information is gathered.

Groundwater beneath the site generally occurs in alluvial fill material, river deposits, or weathered bedrock, and the saturated thickness of the aquifer varies from several feet on the valley border to several hundred feet in the valley center. Two key confining layers within the valley fill describe the aquifer system. At depth, a laterally contiguous and distinctive clay layer, referred to as the "blue clay," hydraulically separates the Upper Aquifer (UA) from the Lower Aquifer (LA), where present. Within the UA, a second clay layer, referred to as the "brown clay," hydraulically divides the UA into a shallow zone and a deep zone, where present. The occurrence of these layers as they are currently interpreted is illustrated on Figure 1-2, and more detailed descriptions of their thickness and composition are provided in other reports including the September 1, 2011 Technical Report – Response to Investigation Order No. R6V-2011-0043, Delineation of Chromium in the Upper Aquifer (Stantec 2011c); the October 30, 2013 Compliance with Provision 1.C. of Cleanup and Abatement Order No. R6V-2008-0002A4 and Requirements of Investigation Order No. R6V-2013-0029 (Stantec 2013); and the Updated Conceptual Site Model

and Background Chromium Concentrations for Lower Aquifer Report (Lower Aquifer CSM Report; Arcadis 2016b).

Following these divisions, wells are classified according to the criteria below for purposes of monitoring and reporting:

- South and North Hinkley Valley Areas:
 - The UA includes saturated deposits between the water table and the blue clay confining layer (where present) or to bedrock where the blue clay is not present. Where the blue clay is not present or is only intermittently present, weathered bedrock is considered part of the UA (Arcadis 2016b). The brown clay further divides the UA as follows:
 - The shallow zone of the UA includes saturated deposits between the water table and the brown clay. As shown on Figure 1-2, the brown clay is not present in much of South Hinkley Valley. In this area, wells screened within the uppermost 15 to 30 feet of the UA are generally classified to be in the shallow zone.
 - The deep zone of the UA includes saturated deposits between the base of the brown clay and the top of the blue clay (where present) or bedrock where the blue clay is not present. As shown on Figure 1-2, the brown clay is not present in much of South Hinkley Valley. In this area, wells screened deeper than 15 to 30 feet below the UA water table are generally classified to be in the deep zone.
 - The LA includes saturated material below the blue clay including weathered bedrock material. The LA is not present in the western portion of South Hinkley Valley, as depth to bedrock shallows and the aquifer system thins. Where the blue clay is absent, all saturated materials are considered part of the UA. The blue clay becomes thin and sandy in a transitional portion along its western boundary, where the LA is in hydraulic communication with the UA. This transitional area is described in detail in the Lower Aquifer CSM Report (Arcadis 2016b).
- Water Valley: No hydrostratigraphic divisions are included in this area at present; all saturated material is considered part of the UA regardless of depth.

Well designations used during the groundwater investigations and monitoring well installation over time are summarized in Appendix A, Table A-1. The initial groundwater well installation projects conducted in South Hinkley Valley generally used letter designations “A” and “B” in the well number identifications to distinguish between the shallow and deep zones of the UA. Wells completed in the LA were distinguished with the designation “C” in the well number. In 2007, as part of the expanded drilling for the IRZ monitoring and plume delineation programs, groundwater monitoring wells installed in the UA were assigned the letters “S” and “D” to distinguish shallow from deeper screened monitoring intervals. Where the UA is substantially thick, multiple wells have been installed and designated “A1,” “A2,” or “B1” and “B2” (pre-2008) and “S1,” “S2,” “S3,” “D1,” and “D2” to distinguish monitoring depths within a given zone. Appendix A presents a detailed summary of the well designations by investigation and/or installation phase.

Note that some wells were thought to be included in one zone of the UA at the time of installation, and therefore were appended with “A,” “B,” “S,” or “D.” These wells have been reclassified based on further review and/or due to declining groundwater levels, which have varied more than 20 feet from the 1990s to present. When this occurs, the well is not renamed to reflect the appropriate zone but is presented in the appropriate zone on the figures included herein.

In some cases, wells have been replaced for various reasons such as declining performance, becoming dry due to dropping groundwater levels, or location conflicts. In these cases, the replacement well was given the same name as the original and appended with an “R” for “replacement” through Fourth Quarter 2018. Since 2011, groundwater levels have declined up to 20 feet at many locations in the southern plume area, and groundwater levels are reaching historically recorded low points. Therefore, beginning in First Quarter 2019, the shallow wells that have gone dry are being replaced with an “M” designation for a mid-depth well screened between the shallow and deep wells. This accounts for the likelihood that groundwater levels will eventually rebound such that the original “S” zone wells will become saturated again, and the “M” designated well will be a mid-depth well.

1.2 Groundwater Remediation Program

PG&E is implementing several remediation projects for groundwater chromium treatment at the site including operating ATUs in the northern and southern portions of the chromium plume area and operation of three IRZs within the plume core. Additional remedial activities include groundwater extraction and freshwater injection in the northwest area. The IRZs operate under a Notice of Applicability (NOA) issued April 20, 2016 (2016 NOA; Water Board 2016) under the General WDRs. On March 12, 2014, the Water Board adopted the ATU WDRs (Board Order No. R6V-2014-0023). These provided requirements for continued operation of the former Desert View Dairy Land Treatment Unit as an ATU, provided for continued operation of existing ATUs, and outlined provisions for constructing and operating new ATUs (Water Board 2014). The monitoring and reporting requirements for these remediation projects are separate from those associated with the GMP; however, the chromium sampling data collected for monitoring of these other remedial activities are also reviewed as part of the GMP evaluation.

1.3 Domestic Well Sampling Program

PG&E has been collecting groundwater samples from domestic and other community wells at the site as directed by the Water Board or voluntarily in response to owner requests. In Second Quarter 2021, domestic wells were sampled in accordance with the 2015 CAO. The 2015 CAO states that all active domestic/community wells within the CAO Monitoring and Reporting Program used during the quarter or planned for use within the next 6 months should be sampled with the following exceptions:

- Domestic/community wells located in the Northern Disputed Plume Area and within 0.5 mile downgradient or cross-gradient from any northern area monitoring well should be sampled at the following frequencies:
 - Quarterly sampling at all domestic and community wells 0.5 mile downgradient or cross-gradient from a monitoring well exhibiting Cr(VI) or total chromium (Cr[T]) detections at or above drinking water standards (Cr[VI] greater than 10 µg/L, as of the date the 2015 CAO was issued) following any sampling event
 - Semiannual sampling in the Second and Fourth Quarters of each year at all domestic and community wells 0.5 mile downgradient or cross-gradient from a monitoring well exhibiting Cr(VI) or Cr(T) detections at or above the interim maximum background levels of 3.1 or 3.2 µg/L, respectively.
- No monitoring or domestic well sampling is required for the following locations:
 - Southwest (upgradient) of the Lockhart Fault
 - On or east of Dixie Road.

Domestic supply well monitoring in the southern plume area is required as part of Board Order R6V-2014-0023 (Water Board 2014).

Domestic supply wells were also monitored in accordance with the 2016 NOA (Water Board 2016) in Second Quarter 2021. Section 4.3 presents the results of domestic well sampling conducted by PG&E during Second Quarter 2021 (April through June), either in response to owner requests or in compliance with the 2015 CAO.

1.3.1 Domestic Well Nomenclature and Locations

Well nomenclature presented herein reflects PG&E's organization of the wells for reporting purposes and does not represent the well numbering system or well identifications assigned by the California Department of Water Resources. In general, domestic wells are named with the format "XX-XX." The first set of numbers represents the appropriate section defined by the United States System of Surveying the Public Lands. The second set of numbers represents the sequential order in which the well was incorporated into PG&E's database. As the study area has expanded into adjoining townships, sections have been duplicated, and a letter has been added to the end of the first two numbers signifying a different section. An example of this would be domestic well 16N-01 in Water Valley. A Section 16 nomenclature was already in use southeast of the site, and the "N" was added to denote a new northern section 16. Following the logic above, this is the first well of the section, and therefore ends in "01."

In addition, some wells are named as "BGS-XX." These wells were sampled as part of the Groundwater Background Study Report, Hinkley Compressor Station, Hinkley, California (CH2M HILL, Inc. [CH2M] 2007) and pre-date implementation of the domestic sampling programs presented herein. The "BGS" stands for "background study."

Finally, the accuracy of the depicted domestic well locations varies throughout the site and does not always represent a coordinate obtained from a California-licensed Land Surveyor. For wells where the location is not confirmed by a licensed surveyor, a handheld global positioning system unit, or placement based on field reconnaissance, the center of the parcel is used as a default. These procedures should be considered when reviewing domestic wells, especially those located on large parcels, and when wells are used to delineate chromium concentrations such as those shown on Figures 5-4, 5-5, and 5-6.

2 Second Quarter 2021 Monitoring Activities

This section describes the groundwater monitoring conducted for the site-wide GMP and DWSP during Second Quarter 2021. Results of sampling performed for both programs are presented in Section 4.

2.1 Groundwater Monitoring Program

The Second Quarter 2021 GMP monitoring event was conducted from April through June 2021. A total of 361 groundwater monitoring wells, extraction wells, and selected water supply wells were sampled during this event. The well locations are shown on Figure 2-1. The wells were sampled in accordance with the methods and procedures established for the site-wide GMP. Appendix B includes the sampling procedures, Appendix C lists the field water quality parameters measured during groundwater sampling, and Appendix D lists groundwater level measurements recorded for this event.

Monitoring wells listed in Table 2-1 comprise all monitoring programs including wells beyond those required to be sampled under the site-wide GMP that could not be sampled for various reasons during Second Quarter 2021. Monitoring wells monitored for IRZ system operations are discussed in further detail in the In Situ Reactive Zone (IRZ) report (Arcadis 2021d). Groundwater samples could not be collected from 37 UA monitoring wells that are required to be sampled by PG&E under various Orders due to insufficient water in the wells for groundwater purging and sample collection. Existing monitoring well MW-132S was not sampled previously due to the presence of desert tortoise habitat. Well MW-132S can now be accessed, as the necessary biological permits have recently been approved, but it remains in an area that is likely to contain desert tortoises. As discussed with the Water Board staff at a December 9, 2020 meeting, there are ample monitoring locations south of MW-132S that limit the benefit of mobilizing a development rig to access this remote location; therefore, development and sampling of well MW-132S will be considered once the USGS background study report has been released and reviewed. The USGS background study report is anticipated to be released in the first half of 2022. PG&E will continue to provide updates in future GMP reports. Additionally, access has been denied to the privately owned parcel containing monitoring well MW-54.

The laboratory analytical data were reviewed and validated to assess data quality and identify deviations from analytical requirements. All reported analytical data collected during this monitoring period are considered usable for the intended purposes of monitoring groundwater conditions.

2.2 Domestic Well Sampling Program

2.2.1 Domestic Well Sampling

During this reporting period, 31 domestic and other private supply wells were sampled in response to the 2015 CAO sampling requirements (all domestic wells sampled were within the DWSP area; semiannual sampling is required for the Water Valley study area). Figure 2-1 shows the locations of the domestic and other private supply wells, the DWSP area (which was generated using the Environmental Impact Report Mitigation Measure chromium monitoring boundary [WTR-MM-2a; Water Board 2014]), and the Northern Disputed Plume Area for domestic well sampling. Tables 2-2 and 2-3 list the domestic wells that were and were not sampled during this

quarter, respectively. The analytical results from this reporting period are discussed in Section 4.3. Appendix B presents the methods and procedures for sample collection at the domestic and other supply wells.

2.2.2 Removal from Sampling Program and Destruction of Domestic Wells

The 2015 CAO details the requirements that must be met to remove an inactive domestic well from the DWSP under Monitoring and Reporting Program requirement V.B. Tables 2-4 and 2-5 list the inactive domestic wells on PG&E property that have been removed from the DWSP and secured in place. When a property is in escrow or purchased by PG&E, the property is surveyed including reconnaissance of domestic wells on the property. In general, domestic wells that do not appear to be secured during the property inspection are secured with a compression cap or other means (such as a steel plate).

Destruction of domestic wells on PG&E property was previously focused on wells screened across multiple water-bearing zones (the UA and LA). Per Water Board approval (Water Board 2017b), current and future well destruction will also include the destruction of selected inactive supply wells that are not screened across multiple water-bearing zones. Well screen information is first identified by reviewing information in the PG&E site database. A video camera is used to obtain well construction information when it is found to be incomplete. The resulting body of well construction information is used to evaluate whether a domestic well is screened across both aquifers and to determine how best to accomplish well destruction. Per the Water Board's requirement in the 2015 CAO Monitoring and Reporting Program Section V., PG&E will provide the Water Board with a list of inactive domestic wells that it plans to destroy at least 14 days before initiating destruction. PG&E has submitted the following notifications to date:

- Notification for Abandonment of 37 Inactive Domestic Wells Screened Across the Upper and Lower Aquifers (Phase 1), dated November 5, 2013 (PG&E 2013)
- Notification for Abandonment of 21 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 2), dated October 23, 2014 (PG&E 2014)
- Notification for Abandonment of 23 Inactive Domestic Wells Screened Across the Upper and Lower Aquifers (Phase 3), dated June 15, 2015 (PG&E 2015a)
- Notification for Abandonment of 16 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 4), dated October 30, 2015 (PG&E 2015b)
- Notification for Abandonment of 13 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 5), dated March 9, 2016 (PG&E 2016)
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2017a)
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2017b)
- Request to Abandon Undocumented Domestic Supply Well (PG&E 2017c).
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2017d)

- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2017e)
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2018a)
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2018b).
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2019).

PG&E did not destroy any domestic or agricultural supply wells during Second Quarter 2021 (Table 2-6).

2.2.3 Replacement Water Supply

The 2015 CAO requires that PG&E supply interim, uninterrupted replacement water (i.e., bottled water or equivalent) and then long-term replacement water to users of affected wells. Affected wells are active domestic or community wells containing chromium, linked to PG&E's historical releases, with Cr(VI) concentrations above 10 µg/L. All levels of Cr(VI) in domestic wells in use by Hinkley residents and sampled by PG&E are below 10 µg/L (see Section 4.3). Bottled water and long-term replacement water programs are currently not in effect due to Cr(VI) detections.

3 Second Quarter 2021 Groundwater Elevation and Flow

This section summarizes hydrogeologic conditions beneath the site including groundwater elevation, flow direction, velocity, and applicable horizontal gradient magnitudes. As described in Section 1.1.2, the aquifer system beneath the site is divided into the UA and LA by a confining clay layer referred to as the blue clay. The UA is further divided into a shallow zone and a deep zone by a second confining clay layer known as the brown clay. Where the brown clay is absent, the uppermost 15 to 30 feet of the UA is generally considered to be in the shallow zone, and deeper portions are considered part of the deep zone for the purposes of reporting.

Groundwater levels have dropped more than 20 feet at many wells since 2011 due to regional drought conditions, reducing the thickness of the UA. Therefore, some wells previously considered as shallow-zone monitoring wells have gone dry. The deeper screened monitoring wells at these locations are now more representative of shallow-zone conditions. Well data presented on figures in this report reflect these changing groundwater conditions where applicable. In some cases, where the aquifer is thin (less than 30 feet thick) and the brown clay is not present, the same monitoring wells may be presented on both shallow- and deep-zone maps to provide a more complete depiction of groundwater flow. The locations of these and other hydrogeologic features that affect the flow of groundwater beneath the site (such as faults) are shown on Figure 1-2.

Hydrogeologic information specific to these zones is described below and presented on the following four figures:

- Figure 3-1 presents groundwater elevations and flow contours in the shallow zone of the UA in South Hinkley Valley.
- Figure 3-2 presents groundwater elevations and flow contours in the deep zone of the UA in South Hinkley Valley.
- Figure 3-3 presents groundwater elevations and flow contours in the UA in North Hinkley Valley and the available groundwater flow information for Water Valley.
- Figure 3-4 presents groundwater elevations and flow contours in the LA and bedrock.

Although the 2015 CAO Monitoring and Reporting Program does not require the development of figures for the shallow and deep zones of the UA in this report, they are provided herein for technical accuracy. As discussed in Section 1.2, PG&E is implementing several remediation projects for groundwater chromium treatment including freshwater injection, groundwater extraction and irrigation of extracted water at ATUs, and IRZ operation. The monitoring and reporting requirements for these remediation projects are separate from those associated with the GMP, but their operation has significant impacts on the movement of groundwater throughout South Hinkley Valley. Details of these operations are reported in recurring submittals that document UA groundwater capture efforts and quarterly reporting of remedial operations and effectiveness. The most recent quarterly reports include the following:

- Second Quarter 2021 Hydraulic Capture Monitoring Report, dated July 15, 2021 (Arcadis 2021c)
- Second Quarter 2021 Monitoring Report for the In Situ Reactive Zone and the Northwest Freshwater Injection Projects, dated July 30, 2021 (Arcadis 2021d)
- Second Quarter 2021 Agricultural Treatment Units Monitoring Report, to be submitted by August 20, 2021 (Arcadis, in progress).

The above mentioned submittals contain details about groundwater flow specific to the areas and zones reported therein. This section provides a broader site-wide review of groundwater flow conditions.

3.1 Upper Aquifer—South Hinkley Valley

UA groundwater elevation contours and interpreted flow direction arrows for South Hinkley Valley are presented on Figures 3-1 and 3-2. Groundwater generally flows northward across South Hinkley Valley in both the shallow and deep zones and under a comparable groundwater gradient. The interpreted groundwater flow directions and calculated hydraulic gradients during this reporting period were comparable to those documented in the previous reporting period. In the shallow zone of the UA, groundwater to the east of the plume generally flows northwest under an average hydraulic gradient of 0.0031 foot/foot. Groundwater to the west of the plume generally flows northeast under an average hydraulic gradient of 0.0033 foot/foot, with an overall northward trend from the Mojave River. The groundwater flow direction in the deep zone of the UA is comparable to that in the shallow zone of the UA. Effects of PG&E's remediation projects can be seen throughout South Hinkley Valley, as groundwater is recirculated in the IRZs (southern portion of the figures), localized groundwater mounding is produced by freshwater injection in the west, and northward flow is captured by extraction south of Thompson Road.

These groundwater contours are shown at 5-foot intervals (except for a portion of the west, where 1-foot contours are shown for the shallow zone of the UA) to provide an overview of groundwater flow through the South Hinkley Valley. This contouring confirms continued achievement of hydraulic capture of chromium in groundwater in South Hinkley Valley. These capture zones are shown on Figures 3-1 and 3-2 as dashed dark blue lines.

Depth to groundwater in the UA in South Hinkley Valley currently ranges from approximately 61 to 114 feet below grade, with some variability directly adjacent to remedial activities such as pumping or injection. This is consistent with the depth to groundwater documented in the previous quarter. However, groundwater levels within the remediation area and regionally have demonstrated an overall downward trend in response to ongoing drought conditions. The Mojave River (which is the primary source of recharge to the Hinkley Valley) did not flow from 2012 through 2018, or in 2020. A single, short-duration, low-volume flow event occurred in the First Quarter of 2019 (February 16, 2019); however, little to no recharge has been observed. The last major flow events occurred during the winters of 2004/2005 and 2010/2011 (USGS 2021).

To develop a greater understanding of groundwater flow east and southeast of the compressor station under the current drought conditions, four multiple-depth piezometers (PZ-16A/B through PZ-19A/B) were constructed and developed in the Third and Fourth Quarters of 2018. Groundwater elevation contours include these monitoring data semi-annually (First and Third Quarters). As shown on Figures 3-1 and 3-2, potentiometric contours indicate that a capture zone (interpreted as dark blue dashed line) east of Summerset Road has formed from the operation of extraction wells along the eastern margin of the chromium plume (orange well symbols) including five extraction wells (EX-55, EX-56, EX-59, EX-60, and EX-61, which began operating in the summer of 2018) and existing extraction wells (orange well symbols in both depth intervals). Two additional extraction wells (EX-66 and EX-67) were brought online east of the compressor station and south of Community Boulevard in April 2019. These wells are further enhancing inward gradients along the eastern chromium plume margin. Additionally, a new extraction well (EX-68) was brought online early in the Second Quarter of 2021 north of the Community ATU to further enhance inward gradients. The available groundwater elevation data indicate that groundwater bearing Cr(VI) at the southeastern boundary of the chromium plume may locally flow northeasterly near the Cr(VI) plume

outline, but that overall groundwater flow then returns to a north-to-northwest flow direction and is captured at the extraction wells along Summerset Road and in the vicinity of the Community East ATU.

3.2 Upper Aquifer—North Hinkley Valley and Water Valley

UA groundwater elevation contours and flow direction arrows for North Hinkley Valley are presented on Figure 3-3. Groundwater flow in North Hinkley Valley continues the northward flow of the South Hinkley Valley under an average hydraulic gradient of 0.0014 foot/foot. Depth to groundwater in North Hinkley Valley ranges from approximately 53 to 101 feet below grade. Groundwater flow from North Hinkley Valley to Water Valley occurs through Hinkley Gap (Figure 1-2), a narrowing at the northern end of Hinkley Valley at Red Hill (Figure 3-3). Northward flow through Hinkley Gap is interpreted to primarily occur on the western side of Red Hill through an ancestral Mojave River channel at a rate of approximately 1,000 gallons per minute (Aquifer Science and Technology 2007). PG&E interprets flow on the western side of Red Hill to occur below the brown clay and in the deep zone of the UA (Stantec 2013). Groundwater flow north of Red Hill through the Water Valley continues northward under an average hydraulic gradient of 0.0024 foot/foot.

3.3 Lower Aquifer

Regional groundwater flow in the LA and weathered bedrock generally follows the trend of the UA as shown on Figures 3-1 and 3-2. Based on the analysis presented in the Lower Aquifer CSM Report (Arcadis 2016b), the blue clay aquitard forming the LA is not interpreted to become a confining unit east of the blue shaded area shown on Figure 3-4. The 2016 interpretation contrasts with previous reports, indicating that the LA began east of the dashed brown line, depicting the western occurrence of the blue clay. Within the blue shaded area, the LA sediments are in hydraulic communication with the UA and are now considered part of the UA. This is because the blue clay becomes thin, discontinuous, and sandy in a transitional portion along its western boundary. This transitional area, where the LA is in hydraulic communication with the UA, is shown as a blue shaded area on Figure 3-4. An average hydraulic gradient of approximately 0.0021 foot/foot was calculated in the area monitored.

3.4 Groundwater Gradient and Velocity

Groundwater gradients and estimates of groundwater velocity for the UA and LA are posted, as appropriate, on Figures 3-1 through 3-4. Velocity calculations are based largely on the assumptions of hydraulic conductivity (K) used in PG&E's groundwater flow model. The reliability of K values in this model (and therefore, the reliability of these velocity calculations) depends on the available dataset for each portion of the site. Estimates of K used in the model are derived from this available dataset. The significant number of wells and substantial extraction being performed in the central portion of South Hinkley Valley have resulted in a large dataset from which to obtain reliable K values. By contrast, little pumping test data have been collected for the western portion of the South Hinkley, North Hinkley, and Water Valleys due to the absence of remedial extraction. Calculations for groundwater velocity in these areas are, therefore, less precise. In addition, the current model domain does not extend into Water Valley, and aquifer parameters have been estimated from other information. PG&E has been updating the groundwater flow model, including expanding the model domain into Water Valley, to support the USGS' chromium background study. The K values in the updated flow model will be incorporated into groundwater velocity estimates when this work is completed.

Hydraulic conductivity is estimated to be much lower in the finer-grained western portion of South Hinkley Valley than in the comparatively coarser-grained central and eastern portions. North Hinkley Valley is also estimated to exhibit relatively lower hydraulic conductivity due to the presence of more fine-grained sediments.

Previous modeling, tracer, and remedial system pumping tests indicate that maximum groundwater velocities in the south central Hinkley Valley generally range from 1 to 4 feet per day (Haley & Aldrich 2010; Arcadis 2016b). The velocities shown on Figures 3-1 and 3-2 are generally consistent with these findings. As noted above, the presence of finer-grained sediments in the North Hinkley Valley, Water Valley, and the upper portion of the western South Hinkley Valley suggests that groundwater moves slower than the 1 to 4 feet per day estimates for the South Hinkley Valley within PG&E's remediation area.

4 Second Quarter 2021 Monitoring Results

This section presents the results of the GMP and DWSP chromium sampling conducted during the Second Quarter 2021 reporting period. Groundwater samples were analyzed for Cr(VI) and/or Cr(T) using United States Environmental Protection Agency Methods SW 218.6/3500-Cr and SW 6010B/6020A, respectively. Table E-1 in Appendix E includes a database report of the chromium results from 2001 through March 2021 for wells sampled as part of the GMP. Samples collected from selected monitoring wells were also analyzed for other water quality parameters. Appendix F includes laboratory analytical reports and chain of custody records for the groundwater samples collected during Second Quarter 2021.

4.1 Upper Aquifer

Table 4-1 presents Third Quarter 2020 through Second Quarter 2021 Cr(VI) and Cr(T) analytical results for the site-wide GMP groundwater monitoring, extraction, and selected water supply wells. In addition, Table 4-1 lists the historical maximum Cr(VI) and Cr(T) results for each well. Table 4-2 lists the initial and resampling results for wells that required resampling under the 2015 CAO and additional GMP wells resampled during the quarter for other reasons.

The 2015 CAO requires that wells be resampled during the same quarter and analytical results presented within the same quarter under the following conditions:

- If sample results show a relative percent difference of 25 percent or greater between Cr(VI) and Cr(T) concentrations, and if both concentrations are less than 10 µg/L, Cr(VI) is greater than 3.1 µg/L, and Cr(T) is greater than 3.2 µg/L
- If sample results exhibit a Cr(VI)/Cr(T) difference greater than 1.0 µg/L at concentrations below 4 µg/L.

During Second Quarter 2021, 12 wells exhibited Cr(VI)/Cr(T) differences greater than 1.0 µg/L, and four wells exhibited greater than 25 percent relative percent difference. These monitoring wells were resampled per the requirements in the 2015 CAO. Additionally, seven wells were resampled for other reasons, primarily to confirm concentration changes. The resample results are presented in Table 4-2.

4.1.1 Evaluation of Chromium Concentrations in “Western Finger” and Western Plume Area

In accordance with the 2015 CAO, there are 15 sentry wells in the general area west of Serra Road, between Barstow-Bakersfield Highway and Acacia Street, used as sentry wells for the “western finger.” If concentrations in any of the sentry wells meet or exceed 10 µg/L for two consecutive quarters, a report documenting proposed remedial actions for the observed exceedances is required. None of the sentry wells sampled yielded concentrations greater than 10 µg/L during Second Quarter 2021.

In addition, in accordance with the Contingency Plan for Proposed Modifications to the Action Plan for the Western Area (Arcadis 2017d), PG&E monitors four monitoring wells east of the Northwest Freshwater Injection (NWF) system. Monitoring wells MW-29, MW-45A, MW-47, and MW-101D are monitored for Cr(VI) and Cr(T) in accordance with the sampling frequency in the 2015 CAO to confirm that Cr(VI) and Cr(T) concentrations are not increasing above the interim maximum background values. Cr(VI) concentrations at wells MW-29, MW-45A, and

MW-47, sampled Second Quarter 2021, remained below the interim maximum background concentration of 3.1 µg/L at that time.

Cr(VI) concentrations at monitoring well MW-101D have consistently been greater than 3.1 µg/L since it was first sampled in June 2011. The Cr(VI) concentration at MW-101D was 3.7 µg/L in the Fourth Quarter of 2017 when the contingency plan was written. Cr(VI) was reported at a concentration of 3.8 µg/L during Second Quarter 2021. Since 2017, hydraulic containment has been consistently demonstrated by an inward gradient calculated between outboard well MW-101D and inboard MW-109 (Arcadis 2021c). Therefore, the concentrations above the interim maximum background values at MW-101D are not attributable to changes associated with western area extraction operations. It is estimated that the concentrations reported for this well reflect migration of existing mass in the vicinity of this well being drawn easterly into the pumping center, as there are generally decreasing trends at other monitoring wells in this area. Contingency actions, such as increasing flow rates at the currently operated extraction wells, will be taken if Cr(VI) is detected at concentrations greater than 10 µg/L in accordance with the Revised Recommendations for Alternative Capture Metrics (Arcadis 2016c).

4.1.2 Evaluation of Chromium Concentrations in “Northern Disputed Plume Area”

The 2015 CAO also requires evaluation of monitoring results from the Northern Disputed Plume Area for the identification of “hot spots.” Cr(VI) concentrations requiring preparation of a work plan to address Cr(VI) concentrations in groundwater are defined in the Section VI.C.2 (a) of the 2015 CAO as:

- i. “any domestic well having Cr(VI) equal to or exceeding 10 µg/L during any one sampling event; or
- ii. any monitoring, extraction, remediation well or piezometer having hexavalent chromium concentrations greater than 10 µg/L within one half mile upgradient of any active domestic well and meeting any of the following conditions (triggers):
 1. Fifty percent or more increase above Cr(VI) concentrations reported in second quarter 2015 that persist for two consecutive sampling events;
 2. Increasing statistical trend (using Mann-Kendall) over four sampling events.”

No monitoring wells in the Northern Disputed Plume Area met the 2015 CAO “hot spot” criteria in Second Quarter 2021. Cr(VI) and Cr(T) concentrations at monitoring well MW-137S3 previously exceeded 10 µg/L beginning in Fourth Quarter 2019. Due to concentrations exceeding 10 µg/L from Fourth Quarter 2019 through First Quarter 2021, a 10 µg/L contour was drawn around this well. However, because the Cr(VI) and Cr(T) concentrations at monitoring well MW-137S3 did not exceed 10 µg/L during Second Quarter 2021, the 10 µg/L contour was removed. Monitoring will continue per the 2015 CAO to confirm that concentrations remain below 10 µg/L at MW-137S3. Well MW-137S3 will be sampled next during the Third Quarter 2021 sampling event.

4.2 Lower Aquifer

Tables 4-1 and 4-3 include the chromium results for groundwater monitoring and private supply wells completed in the LA and bedrock, respectively. Sixteen LA and bedrock wells in the site-wide GMP were sampled during Second Quarter 2021. Previously, Cr(VI) and/or Cr(T) concentrations have been detected at or above 3.1 and 3.2 µg/L, respectively, in five monitoring wells (MW-23C, MW-28C, MW-42C, MW-92C, and MW-100C). Since 2016

or 2017, Cr(VI) concentrations have been less than 3 µg/L at LA monitoring wells MW-23C (October 2017), MW-28C (July 2016), and MW-42C (June 2017).

Consistent with past results, monitoring wells MW-92C and MW-100C continue to exhibit Cr(VI) and Cr(T) results exceeding 3.1 and 3.2 µg/L, respectively. The Second Quarter 2021 Cr(VI) concentration at MW-92C (25 µg/L) shows a decrease since April 2015 (27 µg/L; Appendix E); however, the concentration trend at this well has generally been stable during the last 6 years of monitoring. The Second Quarter 2021 Cr(VI) concentration at MW-100C (18 µg/L) is also unchanged from recent (Second Quarter 2020 through First Quarter 2021) monitoring events. The Second Quarter 2021 Cr(VI) concentration is lower than that from January 2015 (19 µg/L), but concentrations continue to be greater than the lowest concentration of 9.2 µg/L reported for the well in July 2017. Mass previously at MW-23C (located within the LA with a historical high concentration of 23.8 µg/L in November 2011) and MW-42C (also in the LA with 15.4 µg/L in August 2011) may be slowly migrating towards MW-92C and MW-100C (located in the transitional clay area, Figure 3-4), where it is expected to be drawn into UA extraction wells.

Chromium concentrations at MW-92C and MW-100C were anticipated to decrease as mass in this area is drawn into UA extraction wells and/or reduced as lower concentration groundwater from the MW-23C and MW-42C area migrates towards these wells. Chromium concentrations at both MW-92C and MW-100C were also expected to decline as the UA groundwater in this area continues to show declining chromium concentrations to below 10 µg/L at many UA monitoring wells (Figure 5-2). However, the stagnating trends at wells MW-92C and MW-100C suggest that changes to remedial pumping wells may be needed to improve concentration trends.

Operation of extraction wells EX-29 and EX-37 (and perhaps EX-30) may have impeded further concentration reductions at MW-92C and MW-100C, as these extraction wells were thought to potentially be creating localized capture zones that were reducing the overall clean water flushing rate towards the larger capture zone further east (IW-01 and IW-02). Therefore, on January 9, 2020, PG&E submitted an email (PG&E 2020a) to the Water Board requesting approval to conduct an 18-month pilot test involving turning EX-29, EX-30, and EX-37 off to assess if gradients and concentration reductions may be improved by changing the extraction well configuration in this area. At the request of the Water Board, response to comments letters were sent on February 14, 2020 and March 27, 2020 clarifying components of the pilot study (PG&E 2020b, 2020c). Approval to conduct the pilot test was received on May 12, 2020. The pilot test began in July 2020 when EX-29 and EX-37 (the two lowest producers of the three extraction wells) were shut off. EX-30 was also shut down in January 2021. When sufficient data have been obtained to assess the potential benefits of limited or no extraction from wells EX-29, EX-30, and/or EX-37, PG&E will summarize the findings and propose a longer-term strategy for addressing chromium concentrations at MW-92C and MW-100C.

As requested by the Water Board, rate information for the extraction wells and remedial actions conducted to date in the LA are being provided in the quarterly ATU monitoring reports. The Second Quarter 2020 Agricultural Treatment Units Monitoring Report containing this information will be submitted to the Water Board by August 20, 2021 (Arcadis, in progress).

4.3 Domestic Well Sampling

Table 4-3 presents the Cr(VI) and Cr(T) analytical results for the 31 domestic wells within the DWSP, other private supply wells sampled during this reporting period, and data from the previous three quarters. Domestic wells sampled in Second Quarter 2021 are shown on Figure 4-1. The laboratory analytical reports and chain-of-custody

records for the domestic and other supply wells sampled during the reporting period are included in Appendix F. Cr(VI) concentrations were detected above 3.1 µg/L and/or 3.2 µg/L, respectively, in two wells (23-30 and 28N-05) during Second Quarter 2021.

- PGE-owned well 23-30 is located south of Thompson Road, between Summerset and Mountain View Roads. Cr(VI) and Cr(T) concentrations in well 23-30 were 3.2 µg/L and 3.2 µg/L, respectively, during Second Quarter 2021.

Well 28N-05 is located in the northern portion of the DWSP area in Water Valley, west of Hinkley Road and south of Sunset Road (Halsted Road). Cr(VI) and Cr(T) concentrations in well 28N-05 were 3.4 µg/L and 3.1 µg/L, respectively, during the Second Quarter of 2021. Cr(VI) and Cr(T) concentrations in 28N-05 have been above 3.1 µg/L and 3.2 µg/L, respectively, since the well was first sampled in July 2012. Cr(VI) and/or Cr(T) concentrations were not detected above 3.1 and 3.2 µg/L, respectively, in any other domestic well located within the DWSP sampled during the Second Quarter of 2021. As required by the 2015 CAO, domestic well sampling results are used for contouring chromium in the Northern Disputed Plume Area where no monitoring well data are available within 0.5 mile of the domestic well. In addition, the 2015 CAO states the following sampling frequency:

- Quarterly sampling at all domestic and community wells 0.5 mile downgradient or cross-gradient from a monitoring well exhibiting Cr(VI) or Cr(T) detections at or above drinking water standards following any sampling event
- Semi-annual sampling in the Second and Fourth Quarters of each year at all domestic and community wells 0.5 mile downgradient or cross-gradient from a monitoring well exhibiting Cr(VI) or Cr(T) concentrations at or above the interim maximum background levels.

The Second Quarter 2021 analytical results from monitoring wells located 0.5 mile upgradient or cross-gradient from a domestic well in the Northern Disputed Plume Area indicated that chromium concentrations were below the former drinking water standard of 10 µg/L for Cr(VI) (as of the date on which the 2015 CAO was issued) and the current drinking water standard of 50 µg/L for Cr(T).

Domestic wells in the Northern Disputed Plume Area located 0.5 mile downgradient from a monitoring well that exhibits chromium concentrations above the interim maximum background levels in the previous two quarters will be sampled in Fourth Quarter 2021 pending permission from the owners.

4.4 Statistical Analysis of Domestic Well Analytical Results

The 2015 CAO requires analysis of whether any domestic well within the domestic well sampling area contains Cr(VI) at concentrations that demonstrate an increasing trend, indicating likely future exceedances of 10 µg/L Cr(VI) within 1 year. No wells require replacement water based on Second Quarter 2021 data and trends.

Because criteria and methodologies for determining an “increasing trend” were not specified in the 2015 CAO, PG&E is implementing Mann-Kendall statistical trend analysis of Cr(VI) data as an initial screening tool to identify increasing trends that may warrant additional evaluation. A statistical analysis of Cr(VI) data was performed for 31 domestic wells (Table 4-4) sampled in Second Quarter 2021 that had a total of eight or more sample results. Of the 31 wells analyzed, results for 24 wells indicate stable (no trend) to decreasing trends, and seven wells indicate increasing trends. Trend plots were prepared for the seven wells indicating increasing trends based on the Mann-Kendall statistical trend analysis. These are included in Appendix G. Based on review of these trend graphs, Cr(VI) concentrations at these domestic wells are not expected to increase above 10 µg/L in the next year or in the future. Quarterly monitoring of these wells will continue to confirm trends.

5 Occurrence and Distribution of Chromium in Groundwater

This section interprets and evaluates the sample results for the GMP and DWSP conducted following the requirements in the 2015 CAO during the Second Quarter 2021 reporting period. A brief summary of the chromium distribution is included in Section 5.1. The 2015 CAO requires a presentation of chromium isoconcentration contours based on physical and chemical characteristics, as interpreted from data reported from monitoring wells and extraction wells sampled in the quarter using best professional judgment. Section 5.2 provides a professional judgement discussion of the contoured chromium distribution in the UA, where isolated areas with chromium detections greater than the interim background concentrations were not connected to the contiguously mapped isoconcentration contours. Section 5.3 discusses the Northern Disputed Plume Area. Section 5.4 compares the current UA chromium distribution to that from the previous quarter.

5.1 Chromium Distribution in Upper and Lower Aquifers

The distribution of chromium in the UA was evaluated using the Second Quarter 2021 results in accordance with the methods specified in the 2015 CAO. Consistent with these methods, the chromium distribution figures prepared for the site-wide GMP use concentrations of 3.1 µg/L for Cr(VI) and 3.2 µg/L for Cr(T) for the outer boundary isoconcentration contour line. The extent of chromium is further delineated internally using 10, 50, and 1,000 µg/L isoconcentration contours for Cr(VI) and/or Cr(T). This information is presented on Figures 5-1 through 5-5, as described below. Contouring does not include domestic supply wells, except as described below.

Consistent with the 2015 CAO, chromium detections in the areas southwest of the projection of the Lockhart Fault, or on or east of Dixie Road, are not considered to be related to PG&E's historical operations. These areas are shown in gray on relevant figures, and concentrations therein are not evaluated for plume contouring.

Shallow and Deep Zones of the UA: Although not required by the 2015 CAO, Figures 5-1 and 5-2 present the chromium distribution specific to wells screened in the shallow or deep zones of the UA, respectively. These figures are provided to present the technical basis for the isoconcentration depiction portrayed on the composite UA map (Figure 5-5) and provide a more complete presentation of the occurrence of chromium in the UA at both depth zones. Zone-specific figures showing the chromium distribution in the area south of the Barstow-Bakersfield Highway are consistent with contours previously submitted in the Second Quarter 2021 Monitoring Report for the IRZ and NWFI Projects (Arcadis 2021d), where a more robust dataset was considered during contour development. Select wells from the IRZ monitoring program and the Second Quarter 2021 Cr(VI) and Cr(T) monitoring results are shown on Figures 5-1 and 5-2. Chromium figures from the Second Quarter 2021 Monitoring Report for the IRZ and NWFI Projects (Arcadis 2021d) are provided in Appendix H, showing the entire IRZ area dataset. Additionally, select monitoring wells with Cr(VI) and Cr(T) data from previous reporting periods were included on figures to support isoconcentration contour development in areas where the Second Quarter 2021 monitoring data were not collected per the Monitoring and Reporting Program.

LA: Figure 5-3 shows the chromium plume outlines for the LA. Chromium migration from the UA into the LA is believed to have occurred where the blue clay is not present (Stantec 2011a, 2011b) or in the transitional clay area, where it is thin and sandy (Stantec 2011b; Arcadis 2016b). The transitional clay area is depicted as a blue shaded area on Figure 5-3. Within the blue shaded transitional area on Figure 5-3, the blue clay does not act as

an aquitard, and the UA and LA groundwater are in hydraulic communication (Arcadis 2016b). Figure 5-3 also depicts an isoconcentration contour for 0.2 µg/L as required by the 2015 CAO.

Since early 2012, the vertical gradient in the LA east of the blue shaded area has been reversed (changed to upward) by essentially eliminating LA pumping in the area, initiating UA pumping at extraction wells EX-29 and EX-30, and increasing UA pumping throughout the greater area where the LA is impacted with chromium. PG&E also turned off UA extraction well EX-26 in January 2015 and began operation of an extraction well EX-37 in March 2015, which is screened across the UA and LA to further improve hydraulic containment of chromium in the LA. Extraction well EX-37 is located near monitoring well MW 92C, where the highest concentrations of Cr(VI) have historically been detected in the LA. The effectiveness of extraction well EX-37, other remedial actions taken to reduce chromium concentrations and recommendations for future actions to address chromium in the LA have been evaluated in the Annual Cleanup Status and Effectiveness Reports (Arcadis 2016a, 2017c, 2018c, 2019b, 2020c, 2021a) since 2015 and the Lower Aquifer CSM Report (Arcadis 2016b).

As shown on Figure 5-2 (depicting chromium concentrations in the deep zone of the UA), chromium concentrations at wells screened across the deep zone of the UA near Santa Fe Avenue and Mountain View Road (MW-28B, EX-29, and EX-30), where chromium is present at concentrations greater than 10 µg/L in the LA (Figure 5-3), have decreased to below 10 µg/L (Tables 4-1 and Table E-1). Lower chromium concentrations in these UA wells, located above the transitional blue clay area of the LA shown on Figure 5-3, indicate favorable conditions for concentrations at monitoring wells MW-92C and MW-100C (located within the blue shaded transitional area) to begin to decline. However, as detailed in Section 4.2, concentrations at MW-92C and MW-100C have declined since reaching their maximum values, but recent results show generally stable trends. Concentrations at these wells were expected to slowly decrease in the future as groundwater near these wells is drawn upward into UA extraction wells and/or deep-zone UA groundwater (less than 10 µg/L) mixes with LA groundwater in the transitional blue clay area containing LA monitoring wells MW-92C and MW-100C. As discussed in Section 4.2, a pilot test that involves turning off EX-29, EX-30, and EX-37 began in the Third Quarter of 2020 to assess if concentration trends at wells MW-92C and MW-100C may be improved by changing pumping operations to optimize hydraulic gradients in the vicinity of these wells (Arcadis 2020d).

Domestic Supply Wells: Figure 5-4 presents chromium results for domestic well sampling. In accordance with the 2015 CAO, a chromium isoconcentration contour for the domestic wells was not drawn, but the maximum isoconcentration contour for the 3.1/3.2 µg/L Cr(VI)/Cr(T) interval shown on Figure 5-5 is provided for reference. As noted in Section 1.3.1, the accuracy of the depicted domestic well locations varies throughout the site and does not always represent a coordinate obtained from a California-licensed Land Surveyor.

Maximum UA Extent: Figure 5-5 presents the maximum extents of the 3.1/3.2, 10, 50, and 1,000 µg/L isoconcentration contours for Cr(VI) and/or Cr(T), respectively, in both the shallow and deep zones of the UA as required by the 2015 CAO. The isoconcentration contours represent the maximum lateral extents, as defined by current monitoring points, but are not intended to imply that all areas within each isoconcentration contour exhibit concentrations above the respective concentration contoured. Many areas within the plume core exhibit concentrations below these respective concentrations, as can be seen in the Second Quarter 2021 Monitoring Report for the IRZ and NWFJ Projects (Appendix H).

Maximum extent isoconcentrations represent a combination of the zone-specific shallow- and deep-zone isoconcentration contours shown on Figures 5-1 and 5-2. As indicated, the maximum outline of the 3.1 and 3.2 µg/L chromium isoconcentration contour is dashed with question marks where it is approximated and cannot be accurately delineated using existing well data. Consistent with the 2015 CAO, private domestic wells in Water

Valley and north of Grasshopper Road with concentrations above 3.1 and 3.2 µg/L for Cr(VI) and Cr(T), respectively, are used for plume contouring when monitoring results are available. Private domestic wells in North and South Hinkley Valleys are not included in contour development.

The Second Quarter 2021 maximum extents of the 3.1/3.2, 10, 50, and 1,000 µg/L chromium isoconcentration contours for Cr(VI) and/or Cr(T) were generally comparable to those from First Quarter 2021. Changes from the First Quarter 2021 to the Second Quarter 2021 plume outlines are discussed in Sections 5.2 through 5.4.

The highest Cr(VI) concentration on site during the Second Quarter of 2021 was 3,900 µg/L, measured south of Community Boulevard in the northern Source Area IRZ at deep zone monitoring well SA-MW-10D. The recent elevated detections at SA-MW-10D are thought to be remnant Cr(VI) mass west of SA-MW-10D that migrated east due to the formation of easterly gradients when extraction wells EX-55, EX-56, and EX-67 began operation.

5.2 Best Professional Judgement Discussion of Isoconcentration Contours in Southern Plume Area

The 2015 CAO requires that chromium isoconcentration contour lines be drawn by a licensed Professional Geologist or Civil Engineer by evaluating and reporting the site-specific conditions using best professional judgement and considering the following factors at a minimum:

- Geology
- Hydrogeology
- Geochemistry
- Technical information released on the USGS background study of chromium concentrations.

Geology, hydrogeology, and geochemical conditions were considered in the development of isoconcentration contours presented on Figures 5-1 through 5-6. Domestic well data were also considered, and the differences between monitoring wells and supply wells were factored into the technical interpretation and explanation of the data. As of the date of this report, no technical information on the USGS background study was available for consideration to support professional judgement interpretation of isoconcentration contours. It should be noted that the 2015 CAO-required maximum UA extent isoconcentration map presented on Figure 5-5 does not acknowledge the complexity of the site, the appreciable thickness of the aquifer, or the changing hydrogeology throughout the significant size of the project area (see Figure 1-2). PG&E believes that the zone-specific figures (Figures 5-1 and 5-2) present a more accurate interpretation of the distribution of chromium, which is different for the shallow and deep UA zones shown on these figures. Areas where best professional judgement has been used are discussed below. Concentrations in the following monitoring wells exceed the interim background Cr(VI) and Cr(T) concentrations of 3.1 and 3.2 µg/L, respectively, and are disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour on Figures 5-1, 5-2, and 5-5:

In the eastern area between Alculdia and Thompson Roads east of the contiguous plume area, chromium concentrations in well MW-97S have been disconnected from the contiguous isoconcentration contour for the following reasons:

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- Monitoring well MW-97S is screened across weathered bedrock and is located cross-gradient from the contiguous plume area. In the absence of sufficient groundwater extraction to locally draw the plume cross-gradient and considering the markedly unique geochemical signature at this well compared with other monitoring wells in the area, chromium detected in groundwater in this well should not be connected to the contiguous isoconcentration contour.
- During Second Quarter 2019, monitoring well MW-97S contained total dissolved solids (TDS) at 250 milligrams per liter (mg/L), whereas most wells west of this well (MW-79S, MW-84S, and others) contain TDS at concentrations exceeding 1,000 mg/L (Arcadis 2019c). Similarly, MW-97S contained TDS at a concentration of 270 mg/L during Fourth Quarter 2019 (Arcadis 2020a) and 240 mg/L during Fourth Quarter 2020 and Second Quarter 2021, while TDS concentrations exceeding 1,000 mg/L continued to be measured at wells west of MW-97S.
- In the Fourth Quarter of 2013, nitrate as nitrogen concentrations at monitoring well MW-97S were non-detect, whereas concentrations at monitoring wells MW-79S and MW-94S were 12.4 and 8.07 mg/L, respectively (CH2M 2014). The nitrate as nitrogen concentration at monitoring well MW-97S in Second Quarter 2020 continued to be low at 0.17 mg/L. These data illustrate that groundwater near monitoring well MW-97S originates from a different source than the groundwater in monitoring wells MW-79S, MW-84S, and MW-94S; therefore, the chromium isoconcentration contour should not be extended around monitoring well MW-97S.

In the area along and north of Thompson Road, chromium concentrations in wells MW-127S1, MW-206S, MW-105S have been disconnected from the contiguous isoconcentration contour as follows:

- The Cr(VI) and Cr(T) concentrations at MW-127S1 were 3.3 and 4.8 µg/L, respectively, which exceed the interim background thresholds. Because chromium data have consistently been above the thresholds since Fourth Quarter 2019 (Table 4-1, Table E-1), and wells located between MW-127S1 and the contiguous plume (MW-70S, MW-84S, MW-85S, and MW-89S) have consistently exhibited concentrations below these thresholds, MW-127S1 remains disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour.
- The Cr(VI) and Cr(T) concentrations at MW-206S were 3.9 and 6.4 µg/L, respectively, which exceeded the interim background thresholds. Because historical data fluctuate near contouring thresholds (Table 4-1), and wells located between MW-206S and the contiguous plume (MW-84S and G-1R) exhibit concentrations below these thresholds, MW-206S remains disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour.
- The Cr(VI) and the Cr(T) concentrations at MW-105S were 2.7 and 3.4 µg/L, respectively, which exceeded the interim background contouring threshold for Cr(T). Cr(VI) concentrations have never exceeded the interim background contouring threshold, while Cr(T) results have fluctuated over the contouring threshold over time. Consequently, and because well EX-32 (located between MW-105S and the contiguous plume) exhibited concentrations below the thresholds, MW-105S remains disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour.

In the area north of Thompson Road, Cr(VI) and Cr(T) concentrations at MW-128S1 were 8.9 and 9.0 µg/L, respectively during Second Quarter 2021 monitoring. Subsequently, the isolated 10 µg/L contour previously surrounding this well in First Quarter 2021 was removed. An isolated 10 µg/L chromium isoconcentration contour was initially added around MW-128S1 in Fourth Quarter of 2019 due to a detection of chromium greater than 10 µg/L. As part of the Contingency Plan for Chromium Detected at Monitoring Well MW-128S1 (Arcadis 2020b), the well was redeveloped, chromium concentrations decreased, and the isolated 10 µg/L contour was not present around this well in the First, Second, and Third Quarters 2020 (Arcadis 2021c). The chromium concentrations from the Fourth Quarter 2020 and First Quarter 2021 were again reported to be equal to 10 µg/L at well MW-

128S1. Therefore, contingency actions identified in the previously submitted contingency plan (Arcadis 2020b) were resumed in the Fourth Quarter of 2020 and continued through Second Quarter 2021. The contingency actions will continue until Cr(VI) concentrations at MW-128S1 remain less than 10 µg/L for two consecutive quarters. Additional details are summarized in the Second Quarter 2021 Hydraulic Capture Report (Arcadis 2021c).

In the area north of Barstow-Bakersfield Highway and east of the NWFI system, chromium concentrations at well MW-66A have been disconnected from the contiguous isoconcentration contour. The Cr(VI) and the Cr(T) concentrations at MW-66A were 3.0 and 3.3 µg/L, respectively, which exceeded the interim background contouring threshold for Cr(T). Because chromium concentrations historically fluctuate near contouring thresholds (Table 4-1 and Table E-1), and wells located between MW-66A and the contiguous plume (MW-45A, EX-20, and MW-108D) exhibit concentrations below these thresholds, MW-66A was not connected to the contiguous 3.1/3.2 µg/L isoconcentration contour.

In the area north of Alcudia Road and east of Mountain View Road, chromium concentrations in well MW-83S have been disconnected from the contiguous isoconcentration contour as follows:

- The Cr(VI) and the Cr(T) concentrations at MW-83S were 4.9 and 5.7 µg/L, which exceed the interim background contouring thresholds of 3.1 µg/L and 3.2 µg/L, respectively. Chromium results for well MW-83S have exceeded both the Cr(VI) and the Cr(T) interim background contouring thresholds since First Quarter 2019. However, Cr(VI) concentration data for numerous wells south and east of this well continue to be below the contouring thresholds (DW-03, MW-68S, and MW-170S). Therefore, well MW-83S was not connected to the contiguous 3.1/3.2 µg/L isoconcentration contour.

At the NWFI system, near Serra Road and the Barstow-Bakersfield Highway, freshwater sourced from southeast of the chromium plume is continuously injected in up to six wells. PG&E has been operating the NWFI system since March 2010 to provide a freshwater mounding effect in this area and to prevent potential westward migration of the chromium plume. Current east-to-northeast groundwater flow in this area is shown on Figure 3-1 at 1-foot contour intervals for more detail. Groundwater gradients in the NWFI system area demonstrate an east-northeast flow direction. The consistent eastward groundwater gradients created by high volume extraction south of Santa Fe Avenue have prevented western migration of chromium. These gradients have previously been reported and are supported by the decreasing chromium concentration trends at many wells east of the NWFI (CH2M 2013; CH2M and Arcadis 2013; Arcadis 2017b). Previous reporting by PG&E has suggested that the area west of the NWFI system may contain elevated levels of natural chromium not associated with the PG&E plume (CH2M and Stantec 2013). For these reasons, chromium concentrations west of the NWFI system are not likely to have come from, or be connected to, the contiguous plume to the east. Wells west of the NWFI system that were disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour include the following:

- During Second Quarter 2021, Cr(VI) and Cr(T) concentrations at MW-121D were 3.9 and 4.2, respectively, which exceed the interim background contouring thresholds. An isolated bubble was drawn around MW-121D.
- Cr(VI) and Cr(T) concentrations at MW-153S during Second Quarter 2021 were 3.2 and 4.2, respectively, which exceed the interim background contouring thresholds. An isolated bubble was drawn around MW-153S.

- During Second Quarter 2021, inactive extraction well EX-36 yielded Cr (VI) and Cr(T) concentrations of 1.4 and 3.6 µg/L and 1.4 and 6.6 µg/L, respectively. Anomalous Cr(T) concentrations compared to Cr(VI) results beginning in Fourth Quarter 2018 began to occur when full-time pumping of the well ended (Table E-1). Based on the consistent Cr(VI) results that remain below 3.1 µg/L at EX-36, it is likely that the Cr(T) results for this inactive well are affected by particulates now that the well is no longer in continuous operation. An isolated 3.1/3.2 µg/L has been drawn around EX-36 instead of connecting it to MW-153S and MW-121D, as Cr(VI) results have remained below the contouring thresholds at EX-36.

Extraction well EX-37 is screened across both the UA alluvium and LA weathered bedrock, where the transitional blue clay is present, allowing for hydraulic communication between both monitoring zones (Figure 5-3). Based on Cr(T) concentration data that are below 10 µg/L for UA extraction and monitoring locations (EX-29, EX-30, and MW-23B), concentrations greater than 10 µg/L reported for extraction well EX-37 are estimated to be localized and come primarily from the weathered bedrock. This is shown as an area with concentrations greater than 10 µg/L on the LA plume map (Figure 5-3). As a result, an isolated 10 µg/L contour remains around EX-37 on Figures 5-2 and 5-5 depicting the estimated concentration distribution of 10 µg/L in the Upper Aquifer.

In the eastern portion of the Barstow-Bakersfield Highway, the 10 µg/L isoconcentration contour remains to the east of new mid to deep zone screened extraction well EX-69, which yielded Cr(VI) and Cr(T) concentrations of 32 and 30 µg/L in Second Quarter 2021 (Figure 5-2). The 10 µg/L isoconcentration contour extension around EX-69 was not connected to the separated 10 µg/L isoconcentration contour area northeast of this well because 10 µg/L concentrations are interpreted to be present in the deep interval in the EX-69 area and shallow interval in the adjacent 10 µg/L isoconcentration contour area (MW-27A and MW-50S). While Cr(VI) and Cr(T) concentrations at MW-27A have not exceeded 10 µg/L since Second Quarter 2020, results from First Quarter 2021 (9.0 and 9.8 µg/L) are close and have fluctuated above and below 10 µg/L historically (Appendix E). Extraction well EX-69 is screened from 117 to 152 feet below ground surface (bgs), whereas MW-27A is screened from 104 to 114 feet bgs and MW-50S is screened from 80 to 95 feet bgs. Well MW-09, adjacent to EX-69, yields low chromium concentrations but is screened across the middle portion of the aquifer (118 to 128 feet bgs), so this is not estimated to be representative of the deep zone that EX-69 is drawing water from.

In response to increasing chromium concentrations at CA-MW-601, the 50 µg/L isoconcentration contour was extended north of Barstow-Bakersfield Highway in Second Quarter 2020. Cr(VI) and Cr(T) concentrations in CA-MW-601 have been greater than 10 µg/L since Fourth Quarter 2016. Cr(VI) concentrations at this well have been increasing since Second Quarter 2019, with concentrations of 14 µg/L increasing to 50 µg/L, respectively, in Second Quarter 2020. Well CA-MW-601 was not sampled during Fourth Quarter 2020 and First Quarter 2021 due to insufficient water. Well CA-MW-601 contained sufficient water for sampling and yielded concentrations of Cr(VI) and Cr(T) of 50 and 48 µg/L, respectively, in Second Quarter 2021. The chromium detections at CA-MW-601 are likely due to elevated Cr(VI) concentrations at the western end of the Central Area IRZ that cannot be addressed with existing site infrastructure. On June 6, 2019, PG&E submitted the 2019 Western IRZ Expansion Basis of Design with plans to delineate Cr(VI) and expand the remedial system to address Cr(VI) migrating to the west of the Central Area IRZ. On September 20, 2019, PG&E submitted a memorandum proposing modifications to Notice of Applicability of General Waste Discharge Requirements for IRZs and the Freshwater Injection System, which includes expanding the allowable IRZ operational area to include proposed IRZ well installations.

In the southernmost area of the plume at the compressor station (south of Community Boulevard), the 3.1/3.2 µg/L and 10 µg/L isoconcentration contours were disconnected from the contiguous contours north of this area beginning in the Third Quarter 2019. This change was made due to the observation of treatment of the chromium

plume by in situ remediation in the area at monitoring wells SA-MW-26S, SA-MW-41, SA-MW-32S, SA-SM-08S, SA-SM-04S, SA-SM-05S, SA-SM-11S, SA-MW-35S, and SA-MW-36S. See Appendix H for maps showing the concentration data supporting the revised isoconcentration contour interpretation in this area.

5.3 Northern Disputed Plume Area

The Northern Disputed Plume Area includes North Hinkley Valley (Thompson Road to Red Hill) and Water Valley (north of Red Hill). As stated in previous quarterly reports, PG&E believes that applying the interim chromium background concentrations developed for South Hinkley Valley to North Hinkley Valley/Water Valley is inappropriate. Among other issues, such as sample collection from long-screen supply wells where well construction was unknown, groundwater samples collected as part of the 2007 background study (CH2M 2007) did not include wells located north of Thompson Road; therefore, applying this standard to wells north of this area is inappropriate. The USGS is currently studying these areas in detail as part of their revised background study. The results of this effort will be used to evaluate the source and levels of naturally occurring chromium concentrations north of Thompson Road.

CAO-required monitoring wells MW-219S1 and MW-219S2, located near Coon Canyon Road and Mountain General Road, were first sampled during Fourth Quarter 2016. Cr(VI) concentrations in MW-219S1 have fluctuated above and below the 3.1 µg/L interim background value since the well was first sampled in Fourth Quarter 2016. The Northern Disputed Plume Area isoconcentration contour continues to be drawn to pass slightly east of MW-219S1 (outside of) based on Second Quarter 2021 results (both Cr(VI) and Cr(T) at 3.8 µg/L). During Fourth Quarter 2018, monitoring wells MW-226S/D on Sonoma Street east of Mountain View Road were constructed and sampled for the first time. Cr(VI) and the Cr(T) concentration results at MW-226S during Second Quarter of 2021 were 2.8 and 3.1 µg/L, respectively, below the interim background contouring thresholds. As concentrations previously exceeded the interim thresholds, the isoconcentration contour was modified westward to exclude this well. Additional sampling of MW-219S1/S2 and MW-226S/D and review of the forthcoming USGS Background Study Report is recommended before considering the need for additional well installation in this area.

During the Fourth Quarter 2020, the Cr(T) concentration at MW-131S1, located at the intersection of Hinkley Road and Fossil Bed Road, was 3.4 µg/L. The Cr(VI) and the Cr(T) concentrations at MW-131S1 in Second Quarter 2021 were 2.6 and 3.8 µg/L, respectively, which exceed the interim background contouring threshold for Cr(T). As a result of the Cr(T) concentration, an isolated 3.1/3.2 µg/L isoconcentration contour remains around MW-131S1.

5.4 Changes from the First Quarter 2021 Chromium Distribution

This section compares the maximum composite chromium plume outline for the current monitoring period with the First Quarter 2021 maximum plume outline. The extent of the 10, 50, and 1,000 µg/L contiguous isoconcentration contours for Cr(VI) and/or Cr(T), respectively, during Second Quarter 2021 were generally comparable to or smaller in extent than the contours presented in First Quarter 2021 (Arcadis 2021b). The Second Quarter 2021 maximum composite chromium plume contour lines (3.1/3.2 µg/L) generally show slight decreases in some areas and slight increases in some areas. These changes are generally interpreted to reflect natural fluctuations in the plume boundaries as remediation progresses, and not to indicate that plume migration is occurring.

Figure 5-6 shows the maximum composite plume outline (3.1/3.2 µg/L) in the UA from the Second Quarter 2021 sampling event (as shown on Figure 5-5) compared to the plume outline presented in the First Quarter 2021 report (Arcadis 2021b). The areas where the Cr(VI)/Cr(T) 3.1/3.2 µg/L plume contours changed significantly between monitoring events are summarized below. Additional slight changes to the maximum plume outline not listed below are shown on Figure 5-6 and are more an artifact of combining the contours developed for the depth-specific Figures 5-1 and 5-2 than actual changes in plume geometry.

- Northern Disputed Plume Area:
 - The inferred 3.1/3.2 µg/L chromium isoconcentration contour was contracted west of MW-226S based on the Second Quarter 2021 Cr(VI) and Cr(T) concentrations, which were below the contouring threshold at this location.
- Alcudia Road Area:
 - The 3.1/3.2 µg/L chromium isoconcentration contour was contracted east of G-5R based on Second Quarter 2021 Cr(VI) and Cr(T) concentrations, which were below the contouring thresholds at this location.
 - A bubble 3.1/3.2 µg/L contour was removed from MW-69S. This change was based on the Second Quarter 2021 Cr(VI) and Cr(T) concentrations, which were below the contouring threshold at this location.
- Acacia Street Area:
 - The 3.1/3.2 µg/L chromium isoconcentration contour was contracted west of MW-214S and MW-110S based on Second Quarter 2021 Cr(VI) and Cr(T) concentrations, which did not exceed the contouring thresholds at these locations.
- Mountain View Road Area:
 - The 3.1/3.2 µg/L chromium isoconcentration contour was contracted east of MW-108D based on Second Quarter 2021 Cr(VI) and Cr(T) concentrations, which were below the contouring thresholds at this location.
- Community Boulevard Area:
 - The 3.1/3.2 µg/L chromium isoconcentration contour was expanded west of MW-220S based on chromium results above the contouring thresholds in Second Quarter 2021.

6 Planned Activities for Third Quarter 2021

6.1 Groundwater Monitoring Program

The next site-wide groundwater monitoring is a quarterly GMP sampling event scheduled for July through September 2021 (Third Quarter 2021). Sampling and reporting for the Third Quarter 2021 GMP will be performed in accordance with the 2015 CAO and reported to the Water Board by November 10, 2021.

6.2 Domestic Well Program

Domestic well sampling will be conducted during Third Quarter 2021 in accordance with the 2015 CAO. PG&E intends to perform domestic well destruction (as described in Section 2.2) during the Third Quarter 2021 reporting period pending Water Board approval. An update on these activities will be provided in the Third Quarter 2021 GMP Report.

6.3 CAO Well Installation and Sampling

Monitoring wells proposed for installation have been installed and sampled. Existing monitoring well MW-132S was not sampled previously due to the presence of desert tortoise habitat. It can now be accessed, as the necessary biological permits have recently been approved. As discussed with the Water Board at a December 9, 2020 meeting, development and sampling of well MW-132S will be considered once the USGS background study report has been released and reviewed. PG&E will continue to provide updates in future GMP reports.

Collection of additional monitoring data from the new monitoring wells MW-226S and MW-226D and review of the forthcoming USGS background study report is recommended before considering the installation of additional monitoring wells in the MW-219S1/S2 area.

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Tables

Table 2-1
Survey Findings for Monitoring Wells Not Sampled during the Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Survey Findings
CA-MW-106S	Insufficient Water
CA-MW-301	Insufficient Water
CA-MW-306S	Insufficient Water
CA-MW-501S	Insufficient Water
CA-MW-506S	Insufficient Water
CA-MW-601	Insufficient Water
CA-MW-602	Insufficient Water
CA-MW-603	Insufficient Water
MW-03A	Insufficient Water
MW-132S	Biological Habitat ¹
MW-143S	Insufficient Water
MW-144S	Insufficient Water
MW-145S	Insufficient Water
MW-146S	Insufficient Water
MW-14S	Insufficient Water
MW-179S	Insufficient Water
MW-182S	Insufficient Water
MW-183S	Insufficient Water
MW-187D1	Insufficient Water
MW-187S1	Insufficient Water
MW-191D1	Insufficient Water
MW-192S	Insufficient Water
MW-216S	Insufficient Water
MW-22A1	Insufficient Water
MW-28A	Insufficient Water
MW-54	Access Denied by Property Owner
MW-63	Insufficient Water
SA-MW-14S	Insufficient Water
SA-MW-23S	Insufficient Water
SA-MW-25S	Insufficient Water
SA-MW-27SR	Insufficient Water
SA-MW-36S	Insufficient Water
SA-MW-37S	Insufficient Water
SC-MW-01S	Insufficient Water
SC-MW-02S	Insufficient Water
SC-MW-03S	Insufficient Water
SC-MW-04S	Insufficient Water
SC-MW-14S	Insufficient Water

Table 2-1
Survey Findings for Monitoring Wells Not Sampled during the Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Survey Findings
SC-MW-38S	Insufficient Water
TOTAL NUMBER OF WELLS: 39	

Note:

Monitoring wells with screens containing 4 feet of water or less are generally considered to have insufficient water for sampling purposes as they are not expected to yield representative monitoring results.

¹ Well MW-132S can now be accessed as the necessary biological permits have recently been approved, but it remains in an area that is likely to contain desert tortoises. There are ample monitoring locations south of MW-132S that limit the benefit of mobilizing a development rig to access this remote location, therefore consideration of proceeding with the development and sampling of well MW-132S will be considered once the USGS background study report has been released and reviewed.

Table 2-2
Domestic Wells Sampled During Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ^a	Location Type Code	Status Code
Wells Sampled This Quarter in the CAO Domestic Well Sampling Program		
01-01A	DOM	ACT
02-02A	DOM	ACT
02-02B	DOM	ACT
02-23	DOM	ACT
22-103	DOM	ACT
22-48	DOM	ACT
22-60	DOM	ACT
22-75	DOM	ACT
22-82	DOM	ACT
25-16	DOM	ACT
27-16	DOM	ACT
27-26	DOM	ACT
27-42	DOM	ACT
27-43	DOM	ACT
27-48	DOM	ACT
27-49	DOM	ACT
28-20	DOM	ACT
28-22	DOM	ACT
28-36	DOM	ACT
28-40	DOM	ACT
28-75	DOM	ACT
28-82	DOM	ACT
28N-04	DOM	ACT
28N-05	DOM	ACT
30E-12	DOM	ACT
31E-07	DOM	ACT
34-63	DOM	ACT
34-77	DOM	ACT
36-26	DOM	ACT
36-41	DOM	ACT
Wells on PG&E-owned Property		
23-30	DOM	ACT

Note:

^a To protect the privacy of individual residents, properties are identified only by well number. Names and addresses of property owners can be supplied to the California Regional Water Quality Control Board, Lahontan Region upon request.

Abbreviations:

ACT = active

CAO = Cleanup and Abatement Order

DOM = domestic supply well

PG&E = Pacific Gas and Electric Company

Table 2-3

Survey Findings for Domestic Wells Not Sampled During the Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Location Type Code	Status Code	Well Survey Findings
Wells within the CAO Domestic Well Sampling Program			
LocID	LocationTypeCode	StatusCode	Reason
01-02	DOM	INACT	Well was inactive in Second Quarter 2021.
14-15	DOM	ACT	Unable to coordinate with owner.
15-04	DOM	INACT	Unoccupied in Second Quarter 2021.
15-07	DOM	INACT	Well was inactive in Second Quarter 2021.
15-09	DOM	INACT	Well was inactive in Second Quarter 2021.
15-10	DOM	INACT	Well was inactive in Second Quarter 2021.
15-11	DOM	INACT	Well was inactive in Second Quarter 2021.
15-12	DOM	INACT	Well was inactive in Second Quarter 2021.
15-14	DOM	INACT	Owner refused future sampling in July 2013.
22-04	DOM	INACT	Well was inactive in Second Quarter 2021.
22-09	DOM	ACT	Unable to coordinate with owner.
22-105	DOM	INACT	Well was inactive in Second Quarter 2021.
22-106	DOM	INACT	Well was inactive in Second Quarter 2021.
22-15	DOM	ACT	Unable to coordinate with owner.
22-23	DOM	INACT	Well was inactive in Second Quarter 2021.
22-26	DOM	ACT	Owner refused retrofit in January 2011.
22-30	DOM	ACT	Owner refused future sampling in March 2015.
22-44	DOM	INACT	Well was inactive in Second Quarter 2021.
22-59	DOM	ACT	Owner refused future sampling in June 2016.
22-62	DOM	INACT	Well was inactive in Second Quarter 2021.
22-63	DOM	ACT	Unable to coordinate with owner.
22-69	DOM	ACT	Owner refused future sampling in January 2015.
22-74	DOM	ACT	Unable to coordinate with owner.
22-78	DOM	ACT	Unable to coordinate with owner.
22-79	DOM	ACT	Unable to coordinate with owner.
22-81	DOM	ACT	Unable to coordinate with owner.
22-83	DOM	INACT	Owner refused future sampling in October 2014.
22-88	DOM	INACT	Retrofit has been removed. Unable to sample.
22-95	DOM	INACT	Unoccupied in First Quarter 2021.
22-96	DOM	INACT	Unoccupied in First Quarter 2021.
25-18	DOM	ACT	Owner refused future sampling in January 2016.
27-41	DOM	ACT	Owner refused retrofit in January 2011.
28-05	DOM	INACT	Unoccupied in Second Quarter 2021.
28-08	DOM	ACT	Unable to coordinate with owner.
28-09	DOM	ACT	Unable to coordinate with owner.
28-16	DOM	ACT	Unable to coordinate with owner.
28-17	DOM	ACT	Owner refused future sampling in October 2014.
28-21	DOM	INACT	Unable to coordinate with owner.
28-28	DOM	ACT	Owner refused future sampling in October 2014.
28-31	DOM	INACT	Unoccupied in Second Quarter 2021.

Table 2-3

Survey Findings for Domestic Wells Not Sampled During the Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Location Type Code	Status Code	Well Survey Findings
28-42	DOM	ACT	Owner refused future sampling in April 2013.
28-51	DOM	ACT	Unable to coordinate with owner.
28-69	DOM	INACT	Unoccupied in Second Quarter 2021.
28-76	DOM	ACT	Owner refused future sampling in March 2019.
28-78	DOM	ACT	Owner refused future sampling in July 2015.
28-81	DOM	ACT	Unable to coordinate with owner.
30E-11	DOM	INACT	Unoccupied in Second Quarter 2021.
34-50	DOM	ACT	Unable to coordinate with owner.
34-53	DOM	INACT	Well was inactive in Second Quarter 2021.
BGS-25	DOM	ACT	Unable to coordinate with owner.
BGS-46	DOM	ACT	Unable to coordinate with owner.
33N-02	DOM	ACT	Owner refused future sampling in October 2012
28N-01	DOM	ACT	Owner refused future sampling in July 2014.
28N-02	DOM	ACT	Owner refused future sampling in July 2014.
28N-03	DOM	ACT	Owner refused future sampling in July 2014.
28N-06	DOM	ACT	Owner refused future sampling in October 2014.

Notes:

ACT = Active

CAO = Cleanup and Abatement Order

DOM = Domestic

INACT = Inactive

Table 2-4
Wells Removed from the Domestic Well Sampling Program, Second Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Date Destroyed	Well Within 2015 CAO?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
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None

Wells on PG&E-owned property (purchased after Jan 2011) that were not included in the mandatory DWSP

0495-092-02	05/10/21		N	22-24	DOM	ABN									
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Abbreviations:
ABN = abandoned
APN = assessor's parcel number
CAO = Cleanup and Abatement Order
Cr(T) = total chromium
Cr(VI) = hexavalent chromium
DOM = domestic
DWSP = Domestic Well Sampling Program
INACT = inactive
ND = not detected
PG&E = Pacific Gas and Electric Company
ppb = parts per billion

Reference:
California Regional Water Quality Control Board' Lahontan Region. 2015. Cleanup and Abatement Order No. R6v-2015-0068 Requiring PG&E to Cleanup and Abate Waste Discharge of Total Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit, PG&E Compressor Station, Hinkley, San Bernardino County. November 4.

- = domestic well is located within 2,000 feet of a multi-level monitoring well (Group 1)
- = domestic well is not located within 2,000 feet of a multi-level monitoring well. No data available to indicate Cr(VI) and Cr(T) concentrations greater than 2 ppb after September 29, 2011 (Group 2)
- = domestic well is not located within 2,000 feet of a multi-level monitoring well (Group 3)

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0488-151-20	09-Aug-13	Yes	03-24	DOM	INACT	Yes	9	02-Jul-13	2.3	2.1	--	No	Well located upgradient/crossgradient of the compressor station; well is also located upgradient of the Lockhart Fault	Yes
0488-151-23	25-Feb-13	Yes	03-21	DOM	INACT	Yes	5	08-Jan-13	2.1	2	--	No	Well located upgradient/crossgradient of the compressor station; well is also located upgradient of the Lockhart Fault	Yes
0495-074-07	20-Feb-13	Yes	22-43	DOM	DES	Yes	6	03-Oct-12	0.09	ND (1)	--	Yes	Multi-level well MW-171S/D1/D2 is within 1,500 feet-2,500 feet	Yes
0495-074-07	20-Feb-13	Yes	22-66	DOM	DES	Yes	4	10-Oct-12	1.7	2.4	--	Yes	Multi-level well MW-171S/D1/D2 is within 1,500 feet-2,500 feet	Yes
0495-063-06	04-Dec-12	Yes	22-19	DOM	DES	Yes	9	04-Oct-12	1.1	1.9	--	Yes	Multi-level well MW-171S/D1/D2 is within 1,500 feet-2,500 feet	Yes
0495-064-09	31-Oct-12	Yes	22-45	DOM	DES	Yes	7	13-Jul-12	1.7	2	MW-118S*	Yes	Multi-level well MW-171S/D1/D2 is within 1,500 feet-2,500 feet	Yes
0495-121-29	12-Feb-13	Yes	21-02	DOM	DES	No	16	13-Oct-15	1.3	1.3	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-121-29	12-Feb-13	Yes	21-03	DOM	ACT	No	32	07-Oct-19	ND	ND	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-031-31	21-Feb-20	Yes	24-06	DOM	INACT	No	2	20-Dec-10	0.21	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-063-02	12-Mar-19	Yes	22-70	DOM	INACT	No	8	41548	0.36	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 28, 2011 are less than 2 ppb	Yes
0495-072-10	24-Jan-19	Yes	22-90	DOM	INACT	No	3	41045	1.3	1.0	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 28, 2011 are less than 2 ppb	Yes
0495-071-05	18-May-16	Yes	22-05	WTR	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 28, 2011 are less than 2 ppb	Yes
0495-072-08	18-May-16	Yes	22-22	DOM	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 28, 2011 are less than 2 ppb	Yes
0495-063-04	26-Jun-15	Yes	22-72	DOM	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-062-07	08-May-15	Yes	22-67	DOM	INACT	No	1	04-Apr-13	ND (0.06)	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-113-26	07-Jan-15	Yes	09-01	DOM	INACT	No	7	08-Jul-14	0.13	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-062-08	05-Nov-14	Yes	22-68	DOM	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-10	18-Jun-14	Yes	22-102	DOM	DES	No	9	10-Apr-14	0.96	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-10	18-Jun-14	Yes	22-104	DOM	DES	No	8	10-Apr-14	0.46	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-20	18-Jun-14	Yes	22-47	DOM	DES	No	12	10-Apr-14	1.2	1.3	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-21	14-May-14	Yes	22-06	DOM	DES	No	13	02-Apr-14	ND (0.06)	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-103-11	06-May-14	Yes		DOM	INACT	No	7	01-Jul-13	0.58	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-064-10	25-Apr-14	Yes	22-38	DOM	INACT	No	14	02-Apr-14	ND (0.06)	ND (1.0)	MW-118S*	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-064-10	25-Apr-14	Yes	22-37	DOM	DES	No	16	02-Apr-14	0.6	ND (1.0)	MW-118S*	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-064-12	19-Feb-14	Yes	22-76	DOM	DES	No	4	07-Jan-14	1.4	1.4	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-072-09	27-Sep-13	Yes	22-91	DOM	DES	No	8	02-Jul-13	0.91	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-071-02	16-Aug-13	Yes	22-84	DOM	DES	No	2	09-Jul-12	ND (0.06)	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0495-071-01	15-Aug-13	Yes	22-25	DOM	DES	No	6	03-Apr-13	0.25	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-073-01	01-Aug-13	Yes	22-107	DOM	DES	No	3	12-Jul-13	0.14	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-111-11	03-Jul-13	Yes	28-54	DOM	DES	No	3	16-May-12	1.0	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-191-05	25-Jun-13	Yes	28-33	DOM	DES	No	7	04-Apr-13	0.61	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-071-08	20-Jun-13	Yes	22-86	DOM	DES	No	5	01-Apr-13	0.49	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-111-16	16-May-13	Yes	28-61	DOM	DES	No	7	17-Jan-13	0.42	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-272-03	15-May-13	Yes	28-70	DOM	DES	No	1	09-Aug-12	1.1	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-072-07	18-Apr-13	Yes	22-89	DOM	DES	No	2	07-Jan-13	0.12	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-062-03	16-Apr-13	Yes	22-61	DOM	DES	No	8	16-Jan-13	0.54	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-063-05	29-Mar-13	Yes	22-18	DOM	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0497-081-15	28-Mar-13	Yes	BGS-06	DOM	INACT	No	9	17-Jan-13	0.13	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-062-01	07-Mar-13	Yes	22-16	DOM	DES	No	8	08-Oct-12	0.063	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-073-09	29-Jan-13	Yes	22-77	DOM	DES	No	7	07-Jan-13	1.5	1.4	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-071-06	18-Jan-13	Yes	22-87	DOM	DES	No	6	11-Jan-13	0.49	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-191-04	18-Jan-13	Yes	28-34	DOM	DES	No	3	04-Oct-12	0.81	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0497-081-17	16-Jan-13	Yes	06-17	DOM	INACT	No	2	08-Oct-12	0.12	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-074-03	21-Dec-12	Yes	22-33	DOM	DES	No	4	12-Jul-12	ND (0.3)	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-074-03	21-Dec-12	Yes	22-34	DOM	DES	No	5	12-Jul-12	1.4	1.4	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-074-05	20-Dec-12	Yes	22-97	DOM	DES	No	5	05-Oct-12	1	1	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-12	21-Nov-12	Yes	22-03	DOM	INACT	No	7	03-Oct-12	1.1	1	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-08	14-Nov-12	Yes	22-13	DOM	DES	No	5	03-Oct-12	0.12	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-22	05-Nov-12	Yes	22-14	DOM	DES	No	5	03-Oct-12	1.5	1.6	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-103-31	03-Oct-12	Yes	15-03	DOM	DES	No	4	06-Apr-12	0.13	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-01	21-Aug-12	Yes	22-99	DOM	DES	No	3	11-Apr-12	0.24	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-211-01	26-Dec-03	Yes	26-65	DOM	ACT	No	86	06-Jul-20	ND	ND	DW-01, DW-03, MW-170S, MW-21A, MW-21B, MW-21B1, MW-21C, MW-22A1, MW-22A2, MW-22B, MW-25A2, MW-25B, MW-30A, MW-30B1, MW-30B2, MW-31, MW-31C, MW-32B1, MW-32B2, MW-32S, MW-34, MW-42B1, MW-42B2, MW-42C, MW-43, MW-50A, MW-50B, MW-50S, MW-56, MW-62A, MW-62B, MW-62C, MW-63, MW-68C, MW-68D, MW-68S, MW-90C, MW-99C, TW-2S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-221-14	26-Dec-03	Yes	26-66	DOM	INACT	No	85	06-Jul-20	0.21	1.2	DW-01, MW-100C, MW-21A, MW-21B, MW-21B1, MW-21C, MW-22A1, MW-22A2, MW-22B, MW-23A, MW-23B, MW-23C, MW-24A1, MW-24A2, MW-24B, MW-25A2, MW-25B, MW-26, MW-30A, MW-30B1, MW-30B2, MW-31, MW-31C, MW-32B1, MW-32B2, MW-32S, MW-34, MW-41A, MW-41B, MW-41S, MW-42B1, MW-42B2, MW-42C, MW-43, MW-50A, MW-50B, MW-50S, MW-56, MW-90C, MW-99C, NA-MW-01A, NA-MW-01B, NA-MW-02A, NA-MW-02B, NA-MW-03A, NA-MW-03B, TW-2S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-011-17	04-Aug-20	Yes	30E-01	DOM	ACT	Yes	42	07-Jul-20	2.0	1.7	MW-114S, MW-114D1, MW114D2	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-011-18	29-May-20	Yes	BGS-48	DOM	INACT	No	40	08-Oct-19	0.081	ND (1.0)	MW-114S, MW-114D1, MW-114D2	No	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-29	24-Jan-19	Yes	02-13	DOM	INACT	No	19	8-Oct-15	ND (0.06)	ND (1.0)	MW-53*, MW-77S*, MW-77D*, MW-78S*, MW-78D*, MW-181S*, MW-181D*, MW-217S*, MW-217D*, SA-MW-43S*, SA-MW-43M*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-40	28-Dec-18	Yes	27-08	DOM	INACT	No	48	2-Apr-13	1.5	1.2	MW-57*, MW-57D*, MW-59*, MW-119S*, MW-119D*, MW-147S*, MW-147D*, MW-148S*, MW-201S*, MW-201D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-40	28-Dec-18	Yes	27-38	DOM	INACT	Yes	62	14-Jan-15	0.065	ND (1)	MW-57*, MW-57D*, MW-59*, MW-119S*, MW-119D*, MW-147S*, MW-147D*, MW-148S*, MW-201S*, MW-201D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-40	28-Dec-18	Yes	27-39	DOM	INACT	Yes	61	14-Jan-15	0.093	ND (1)	MW-57*, MW-57D*, MW-59*, MW-119S*, MW-119D*, MW-147S*, MW-147D*, MW-148S*, MW-201S*, MW-201D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-40	28-Dec-18	Yes	27-40	DOM	INACT	Yes	61	14-Jan-15	1.8	1.5	MW-57*, MW-57D*, MW-59*, MW-119S*, MW-119D*, MW-147S*, MW-147D*, MW-148S*, MW-201S*, MW-201D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-112-04	03-Jul-18	Yes	28-62	DOM	INACT	No	15	05-Oct-16	0.26	ND (1)	MW-165S*, MW-165D*, MW-202S*, MW-202D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-25	29-Jun-18	Yes	14-07	DOM	INACT	Yes	5	8-Oct-12	2.8	2.7	MW-104S1*, MW-104S2*, MW-104D*, MW-106S*, MW-106D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-11	20-Dec-16	Yes	23-27	DOM	INACT	No	9	10-Jul-12	0.069	ND (1)	C-02*, C-03*, EX-31*, EX-33*, G-2R*, G-5R*, MW-112D*, MW-112S*, MW-34*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-14	29-Jun-16	Yes	22-108	DOM	DES	No	13	05-Apr-16	0.4	ND (1)	MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-17*, MW- 170S*, MW-171D1*, MW-171D2*, MW-171S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-241-20	8-Jun-16	Yes	36-31	DOM	DES	No	13	8-Jul-15	1.4	1.3	MW-103D*, MW-103S*, MW-145D1*, MW-145D2*, MW-145S*, MW-199D1*, MW-199D2*, MW-199S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-241-20	8-Jun-16	Yes	36-42	DOM	INACT	No					MW-103D*, MW-103S*, MW-145D1*, MW-145D2*, MW-145S*, MW-199D1*, MW-199D2*, MW-199S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-03	12-May-16	Yes	23-24	DOM	DES	Yes	20	6-Apr-15	0.92	1.3	EX-32*, G-1R*, MW-117D*, MW-117S1*, MW-117S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-206S*, MW-69D*, MW-69S*, MW-70D*, MW-70S*, MW-83D*, MW-83S*, MW-84D*, MW-84S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-191-16	7-Apr-16	Yes	28-25	DOM	INACT	Yes	17	2-Apr-15	1.7	1.8	MW-147D*, MW-147S*, MW-201D*, MW-201S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-16	11-Mar-16	Yes	22-39	DOM	DES	No	22	22-Jan-16	ND (0.06)	ND (1.0)	MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-04	10-Dec-15	Yes	23-28	DOM	DES	No	14	16-Oct-15	ND (1.0)	0.77	MW-105S, MW-105D, MW-107S, MW-107D	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-011-19	15-Aug-19	Yes	25-14	DOM	DES	No	23	15-Jul-09	0.7	ND (1.0)	C-02*, MW-34*, MW-41A*, MW-41B*, MW-41S*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW- 86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-43	15-Aug-31	Yes	34-58	DOM	DES	No	15	15-Jul-15	0.23	ND (1.0)	MW-149S*, MW-155D*, MW-155S*, MW-48*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-38	15-Sep-04	Yes	24-05	DOM	DES	No					G-1R*, MW-107D*, MW-107S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-21	15-Jul-02	Yes	23-07	DOM	DES	Yes	17	14-Oct-09	2	2.5	DW-02*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-63*, MW-83D*, MW-83S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-103-10	25-Jun-15	Yes	15-15	DOM	INACT	No	9	01-Oct-13	0.87	1.1	MW-173D*, MW-173S1*, MW-173S2*, MW-175D*, MW-175S1*, MW-175S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-21	14-May-15	Yes	33-06	WTR	DES	No					MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-30	12-May-15	Yes	33-30	DOM	DES	No	9	19-Jan-15	0.58	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-07	08-May-15	Yes	34-48	DOM	DES	No	1	22-Aug-07	3.3	3.3	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-153S*, MW-165D*, MW-165S*, MW-202D*, MW-202S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-021-06	20-Feb-15	Yes	36-43	DOM	DES	No	14	07-Jan-15	0.44	ND (1.0)	MW-144D1*, MW-144D2*, MW-144S*, MW-146D1*, MW-146D2*, MW-146S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-03	09-Feb-15	Yes	28-19	DOM	DES	No	6	08-May-14	ND (0.06)	ND (1.0)	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-272-10	27-Feb-15	Yes	28-06	DOM	DES	No	9	13-Jan-14	0.4	ND (1.0)	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-08	22-Jan-15	Yes	33-03	DOM	DES	No	13	14-Oct-14	ND (0.06)	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-15	18-Dec-14	Yes	30E-05	DOM	DES	Yes	10	10-Jul-14	1.9	1.9	MW-152D1*, MW-152D2*, MW-152S*, MW-176S*, MW-187D1*, MW-187D2*, MW-187S1*, MW-190D1*, MW-190D2*, MW-190S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-58	17-Dec-14	Yes	34-06	DOM	DES	No	17	17-Jul-14	ND (0.06)	ND (1.0)	CA-MW-312D*, CA-MW-312S, CA-MW-412D*, CA-MW-412S*, MW-155D*, MW-155S*, MW-37*, MW-38A*, MW-38B*, MW-61*, MW-74D*, MW-74S, MW-75D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0495-031-39	08-Dec-14	Yes	24-03	DOM	DES	Yes	14	04-Apr-14	1.4	1.7	MW-107D*, MW-107S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*, Unk Wei	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-12	10-Oct-14	Yes	23-25	DOM	DES	Yes	17	21-Jul-14	2.7	2.9	C-01*, C-02*, C-03*, EX-31*, EX-33*, G-2R*, G-5R*, MW-112D*, MW-112S*, MW-34*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-121-28	09-Oct-14	Yes	01-17	DOM	INACT	No	11	04-Apr-14	0.6	ND (1.0)	MW-144D1*, MW-144D2*, MW-144S*, MW-52*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-05	26-Sep-14	Yes	22-55	DOM	DES	No	11	04-Apr-14	0.82	ND (1.0)	MW-156S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-021-04	18-Sep-14	Yes	36-25	DOM	INACT	No	24	02-Jul-14	1.6	1.5	MW-103D*, MW-103S*, MW-145D1*, MW-145D2*, MW-145S*, MW-146D1*, MW-146D2*, MW-146S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-022-09	28-Aug-14	Yes	11-10	DOM	INACT	Yes	12	09-Jul-14	3.8	3.8	MW-138S1*, MW-138S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-141D*, MW-141S1*, MW-141S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-10	22-Aug-14	Yes	34-62	DOM	DES	Yes	8	09-Jul-14	0.71	1.8	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-153S*, MW-165D*, MW-165S*, MW-202D*, MW-202S*, MW-54*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-274-02	15-Aug-14	Yes	28-65	DOM	DES	Yes	7	09-Apr-14	4.8	4.5	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-281-03	14-Aug-14	Yes	28-74	DOM	INACT	Yes	8	09-Jul-14	2.9	3.0	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-074-04	08-Aug-14	Yes	22-53	DOM	DES	No	13	09-Jul-14	0.25	ND (1.0)	MW-171D1*, MW-171D2*, MW-171S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-022-20	31-Jul-14	Yes	11-07	DOM	INACT	No	12	02-Apr-14	ND (0.06)	ND (1.0)	MW-137S1*, MW-137S2*, MW-137S3*, MW-138S1*, MW-138S2*, MW-139S1*, MW-139S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-141D*, MW-141S1*, MW-141S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-06	09-Jul-14	Yes	28-58	DOM	DES	No	1	02-Dec-11	1.2	1.6	MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-06	09-Jul-14	Yes	28-87	DOM	DES	No	4	03-Apr-14	0.98	ND (1.0)	MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-022-07	02-Jul-14	Yes	11-09	DOM	INACT	No	6	15-Jan-14	ND (0.06)	ND (1.0)	MW-136S1*, MW-136S2*, MW-137S1*, MW-137S2*, MW-137S3*, MW-138S1*, MW-138S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-021-14	20-Jun-14	Yes	36-22	DOM	INACT	No	11	01-Apr-14	0.53	ND (1.0)	MW-144D1*, MW-144D2*, MW-144S*, MW-146D1*, MW-146D2*, MW-146S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-231-09	16-Jun-14	Yes	25-06	AGR	DES	Yes	2	19-Jul-12	2.3	2.1	MW-41A*, MW-41B*, MW-41S*, MW-49A*, MW-49B*, MW-49S*, MW-50A*, MW-50B*, MW-50S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-231-09	16-Jun-14	Yes	25-19	DOM	DES	Yes	1	12-Jul-12	2.9	2.8	MW-41A*, MW-41B*, MW-41S*, MW-49A*, MW-49B*, MW-49S*, MW-88D*, MW-88S*, MW-95D*, MW-95S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-111-10	13-Jun-14	Yes	28-53	DOM	DES	No	10	03-Apr-14	0.89	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-021-15	13-Jun-14	Yes	36-20	DOM	INACT	No	11	01-Apr-14	0.52	ND (1.0)	MW-144D1*, MW-144D2*, MW-144S*, MW-146D1*, MW-146D2*, MW-146S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-271-05	09-Jun-14	Yes	28-79	DOM	DES	No	5	13-Jan-14	1.1	ND (1.0)	MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-07	06-Jun-14	Yes	28-85	DOM	DES	No	2	03-Apr-14	0.59	ND (1.0)	MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-07	06-Jun-14	Yes	28-86	DOM	DES	No	5	03-Apr-14	0.48	ND (1.0)	MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-34	30-May-14	Yes	27-18	DOM	INACT	No	12	10-Jul-13	0.89	ND (1.0)	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-201D*, MW-201S*, MW-202D*, MW-202S*, MW-57*, MW-57D*, MW-58*, MW-59*, MW-65BR, MW-66A*, MW-66BR, MW-82S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-272-04	22-May-14	Yes	28-83	DOM	INACT	Yes	5	04-Apr-14	2.2	2.2	MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-272-04	22-May-14	Yes	28-84	DOM	DES	No					MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-103-06	10-Apr-14	Yes	15-16	DOM	INACT	Yes	6	03-Apr-14	1.1	2.2	MW-175D*, MW-175S1*, MW-175S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-30	31-Mar-14	Yes	33-20	DOM	DES	No	11	07-Jan-14	0.9	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-30	31-Mar-14	Yes	33-19	DOM	INACT	No	11	07-Jan-14	ND (0.06)	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-102-07	24-Mar-14	Yes	28-32	DOM	DES	No	9	11-Jul-13	0.43	ND (1.0)	MW-153S*, MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-202D*, MW-202S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-15	21-Mar-14	Yes	22-29	DOM	DES	No	10	01-Apr-13	0.45	ND (1.0)	MW-117D*, MW-117S1*, MW-117S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-111-02	21-Mar-14	Yes	28-26	DOM	DES	No	7	04-Oct-13	0.7	ND (1.0)	MW-164D*, MW-164S*, MW-165D*, MW-165S*, MW-202D*, MW-202S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-103-11	21-Mar-14	Yes	28-27	DOM	DES	No	4	11-Jul-12	0.49	ND (1.0)	MW-147D*, MW-147S*, MW-153S*, MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-202D*, MW-202S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-16	10-Jan-14	Yes	BGS-23	DOM	DES	Yes	13	03-Jul-13	1.5	1.3	MW-165D*, MW-165S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-16	18-Dec-13	Yes	30E-08	DOM	INACT	No	2	10-Jan-13	1.9	1.9	MW-152D1*, MW-152D2*, MW-152S*, MW-176S*, MW-187D1*, MW-187D2*, MW-187S1*, MW-190D1*, MW-190D2*, MW-190S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-43	16-Dec-13	Yes	24-11	DOM	DES	No	14	02-Oct-13	ND (0.06)	ND (1.0)	MW-112D*, MW-112S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-241-34	26-Nov-13	Yes	36-24	DOM	DES	No	14	11-Jan-13	0.93	1.2	MW-103D*, MW-103S*, MW-116D1*, MW-116D2*, MW-116S*, MW-199D1*, MW-199D2*, MW-199S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-07	25-Nov-13	Yes	24-07A	DOM	DES	No					MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-79D*, MW-79S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-07	25-Nov-13	Yes	24-07B	DOM	DES	No					MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-79D*, MW-79S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-07	25-Nov-13	Yes	24-07	DOM	INACT	Yes	14	02-Oct-13	2.7	2.8	MW-107D*, MW-107S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-18	22-Nov-13	Yes	27-36	DOM	INACT	Yes	15	08-Jul-13	1.9	1.7	MW-118S*, MW-119D*, MW-119S*, MW-148S*, MW-57*, MW-57D*, MW-59*, MW-65BR, MW-81S*, MW-82S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-083-04	19-Nov-13	Yes	22-35	DOM	DES	Yes	5	11-Jul-12	1.8	1.7	MW-171D1*, MW-171D2*, MW-171S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-41	14-Nov-13	Yes	22-101	DOM	DES	No	2	04-Oct-12	0.76	ND (1.0)	MW-111D*, MW-111S1*, MW-111S2*, MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-301-07	14-Nov-13	Yes	28-41	DOM	DES	Yes	10	04-Oct-13	0.66	1.7	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-12	14-Nov-13	Yes	30E-09	DOM	INACT	Yes	2	02-Oct-12	2.2	2.2	MW-152D1*, MW-152D2*, MW-152S*, MW-176S*, MW-187D1*, MW-187D2*, MW-187S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-10	13-Nov-13	Yes	02-08	DOM	DES	Yes	11	07-Oct-13	1.6	1.5	MW-149S*, MW-150S1*, MW-150S2*, MW-177D*, MW-177S*, MW-181D*, MW-181S*, MW-36*, MW-48*, MW-51*, MW-53*, MW-67A*, MW-67B*, PGE-09, SA-MW-16D*, SA-MW-16S*, SA-MW-17D*, SA-MW-17S*, SA-MW-26D*, SA-MW-26S*, SA-MW-28D, SA-MW-28S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-20	04-Nov-13	Yes	24-04	DOM	DES	Yes	14	08-Oct-13	1.3	1.4	G-1R*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-031-15	31-Oct-13	Yes	34-76	DOM	INACT	No	10	07-Oct-13	0.12	ND (1.0)	MW-159C*, MW-159D*, MW-159S*, MW-160C*, MW-160D*, MW-160S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-35	29-Oct-13	Yes	27-27	DOM	DES	No	16	03-Oct-13	1.2	1.1	MW-119D*, MW-119S*, MW-121D*, MW-121S*, MW-147D*, MW-147S*, MW-148S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-45A*, MW-45B*, MW-47*, MW-47A*, MW-47BR, MW-57*, MW-57D*, MW-58*, MW-59*, MW-65BR, MW-66A*, MW-66BR, MW-81S*, MW-82S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-46	15-Oct-13	Yes	34-45	DOM	DES	Yes	13	04-Oct-13	1.5	1.4	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-153S*, MW-165D*, MW-165S*, MW-169D*, MW-169S1*, MW-169S2*, MW-54*, MW-64A*, MW-64B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-36	10-Oct-13	Yes	30E-06	DOM	DES	Yes	7	02-Jul-13	2.1	2.3	MW-187D1*, MW-187D2*, MW-187S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-261-37	01-Oct-13	Yes	35-04	DOM	DES	No	49	02-Jul-13	ND (0.06)	ND (1.0)	CA-MW-101*, CA-MW-101D*, CA-MW-108D*, CA-MW-108S*, CA-MW-110, CA-MW-204D*, CA-MW-204S*, CA-MW-301*, CA-MW-312D*, CA-MW-312S, CA-MW-313*, MW-149S*, MW-155D*, MW-155S*, MW-178D*, MW-178S*, MW-37*, MW-40, MW-48*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, MW-74D*,	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-261-38	01-Oct-13	Yes	35-03	DOM	DES	No	11	02-Oct-12	ND (0.06)	ND (1.0)	CA-MW-108D*, CA-MW-108S*, CA-MW-110, CA-MW-312D*, CA-MW-312S, CA-MW-313*, MW-149S*, MW-155D*, MW-155S*, MW-37*, MW-40, MW-48*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, MW-74D*, MW-74S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-16	30-Sep-13	Yes	14-06	DOM	DES	Yes	10	03-Apr-13	2.4	2.4	MW-111D*, MW-111S1*, MW-111S2*, MW-113D*, MW-113S1*, MW-113S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0489-082-59	27-Sep-13	Yes	27N-02	DOM	INACT	Yes	3	01-Jul-13	4.1	3.8	MW-186S1*, MW-186S2*, MW-186S3*, MW-194S1, MW-194S2, MW-194S3, MW-195S1*, MW-195S2*, MW-195S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-29	19-Sep-13	Yes	22-36	DOM	DES	No	9	01-Apr-13	1.2	ND (1.0)	MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-23	19-Sep-13	Yes	22-46	DOM	INACT	No	3	10-Jul-13	0.16	ND (1.0)	MW-126S1*, MW-126S2*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-24	19-Sep-13	Yes	22-58	DOM	DES	Yes	10	10-Jul-13	0.96	ND (1.0)	MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-156S*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-24	19-Sep-13	Yes	22-98	DOM	DES	No	4	10-Jul-13	ND (0.06)	ND (1.0)	MW-126S1*, MW-126S2*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-281-02	11-Sep-13	Yes	28-39	DOM	DES	Yes	5	10-Jul-13	3.0	2.4	MW-164D*, MW-164S*, MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-25	10-Sep-13	Yes	28-23	DOM	DES	No	9	01-Jul-13	1.1	ND (1.0)	MW-164D*, MW-164S*, MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-07	10-Sep-13	Yes	33-32	DOM	INACT	No	2	10-Apr-13	0.73	1.3	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-271-06	09-Sep-13	Yes	28-71	DOM	DES	No	2	19-Feb-13	0.93	ND (1.0)	MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-271-08	30-Aug-13	Yes	28-77	DOM	INACT	No	3	08-Jul-13	ND (0.06)	ND (1.0)	MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-274-01	22-Aug-13	Yes	28-35	DOM	DES	No	4	08-Jul-13	1.5	1.5	MW-164D*, MW-164S*, MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-23	19-Aug-13	Yes	27-03	DOM	INACT	Yes	31	08-Jul-13	2.0	1.8	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-165D*, MW-165S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-201D*, MW-201S, MW-202D*, MW-202S, MW-58*, MW-59*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-041-23	19-Aug-13	Yes	27-46	DOM	INACT	No	12	08-Jul-13	0.43	ND (1.0)	MW-121D*, MW-121S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-164D*, MW-164S*, MW-165D*, MW-165S*, MW-201D*, MW-201S, MW-202D*, MW-202S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-151-04	02-Aug-13	Yes	03-02	DOM	DES	No	9	02-Jul-13	1.7	1.6	MW-149S*, MW-150S1*, MW-150S2*, MW-48*, MW-51*, MW-67A*, MW-67B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-32	01-Aug-13	Yes	03N-01	DOM	INACT	Yes	5	01-Jul-13	2.7	2.6	MW-130S1*, MW-130S2*, MW-161S1*, MW-161S2*, MW-161S3*, MW-174S1*, MW-174S2*, MW-174S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-32	01-Aug-13	Yes	03N-02	DOM	INACT	Yes	5	01-Jul-13	3.4	3.2	MW-130S1*, MW-130S2*, MW-131S1*, MW-174S1*, MW-174S2*, MW-174S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-18	27-Jun-13	Yes	02-25	DOM	DES	No	10	08-Apr-13	ND (0.06)	ND (1.0)	MW-150S1*, MW-150S2*, MW-51*, MW-53*, MW-77D*, MW-77S*, MW-78D*, MW-78S*, PGE-02, PGE-09, PGE-14*, SA-MW-26D*, SA-MW-26S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-09	22-Jul-13	Yes	33-23	DOM	DES	Yes	5	09-Jan-13	0.44	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Could not be located.
0494-241-06	18-Jul-13	Yes	36-06B	DOM	INACT	No	10	09-Jul-13	1.4	1.3	MW-102D*, MW-102S*, MW-103D*, MW-103S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-273-06	10-Jul-13	Yes	28-67	DOM	DES	No	4	03-Apr-13	0.091	ND (1.0)	MW-164D*, MW-164S*, MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0489-211-24	10-Jul-13	Yes	28N-07	DOM	INACT	Yes	4	01-Jul-13	3.9	3.5	MW-185S1*, MW-185S2*, MW-185S3*, MW-194S1, MW-194S2, MW-194S3, MW-195S1*, MW-195S2*, MW-195S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-38	09-Jul-13	Yes	22-11	DOM	INACT	No	10	02-Jul-13	0.7	ND (1.0)	MW-111D*, MW-111S1*, MW-111S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-24	27-Jun-13	Yes	28-80	DOM	DES	No	3	04-Apr-13	ND (0.06)	ND (1.0)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-09	26-Jun-13	Yes	28-30	DOM	DES	No	2	05-Oct-12	0.48	ND (1.0)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-011-06	24-Jun-13	Yes	02N-01	DOM	INACT	No	5	10-Jan-13	ND (0.06)	ND (1.0)	MW-166S1*, MW-166S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-01	20-Jun-13	Yes	28-46	DOM	DES	Yes	7	02-Apr-13	0.1	ND (1.0)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-46	10-Jun-13	Yes	33-22	DOM	INACT	No	1	09-Mar-12	1.5	1.4	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-281-04	31-May-13	Yes	28-73	DOM	DES	Yes	3	08-Apr-13	3.0	3.0	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-08	29-May-13	Yes	28-47	DOM	DES	Yes	5	08-May-13	2.1	2.1	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-022-08	13-May-13	Yes	11-11	DOM	INACT	Yes	4	15-Oct-12	4.0	4.6	MW-136S1*, MW-136S2*, MW-137S1*, MW-137S2*, MW-137S3*, MW-138S1*, MW-138S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-37	03-May-13	Yes	14-14	DOM	DES	Yes	7	10-Apr-13	1.1	1.8	MW-111D*, MW-111S1*, MW-111S2*, MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-48	03-May-13	Yes	34-78	DOM	DES	No	7	03-Apr-13	1.8	1.6	MW-159C*, MW-159D*, MW-159S*, MW-160C*, MW-160D*, MW-160S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-28	26-Apr-13	Yes	24-10	DOM	DES	Yes	11	01-Oct-12	2.7	3.0	MW-112D*, MW-112S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-96D*, MW-96S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-063-08	22-Apr-13	Yes	22-17	DOM	DES	No	2	03-Oct-11	0.49	ND (1.0)	MW-118S*, MW-119D*, MW-119S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-01	DOM	DES	No	31	24-Jul-12	0.49	ND (1.0)	MW-158C*, MW-158S*, MW-37*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

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APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-201-35	22-Apr-13	Yes	34-02	AGR	DES	No	2	25-Oct-06	ND (0.2)	ND (1.0)	CA-MW-412D*, CA-MW-412S*, CA-MW-501D*, CA-MW-501S*, CA-MW-502*, CA-MW-503D*, CA-MW-503S*, CA-MW-601*, CA-MW-602*, CA-MW-603*, MW-08*, MW-108D*, MW-108S*, MW-37*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-9	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-14	AGR	DES	No	2	25-Oct-06	ND (0.2)	ND (1.0)	CA-MW-501D*, CA-MW-501S*, CA-MW-502*, CA-MW-601*, CA-MW-602*, CA-MW-603*, MW-08*, MW-10*, MW-108D*, MW-108S*, MW-28A*, MW-28B*, MW-28C*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-45A*, MW-45B*, MW-61*, MW-75D*, MW-76D*, MW-76S*, MW-91C*, MW-93C*, MW-98C*, WA	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-34	AGR	DES	No	9	07-Apr-11	ND (0.2)	ND (1.0)	CA-MW-601*, MW-108D*, MW-108S*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-45A*, MW-45B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-93C*, MW-98C*, WA-MW-01A, WA-MW-01B, WA-MW-02A, WA-MW-02B, WA-MW-03A, WA-MW-03B, WA-MW-04A, WA-MW-04B	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-35	AGR	DES	No	2	17-Dec-09	ND (0.2)	ND (1.0)	CA-MW-601*, MW-37*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-93C*, WA-MW-01A, WA-MW-01B, WA-MW-02A, WA-MW-02B, WA-MW-03A, WA-MW-03B, WA-MW-04A	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-36	AGR	DES	No	1	17-Dec-09	ND (0.2)	ND (1.0)	MW-158C*, MW-158S*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-93C*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-37	AGR	DES	No	1	17-Dec-09	ND (0.2)	ND (1.0)	MW-122D*, MW-122S*, MW-158C*, MW-158S*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-64	AGR	DES	No	4	24-Jul-12	1.3	1.2	CA-MW-412D*, CA-MW-412S*, CA-MW-501D*, CA-MW-501S*, MW-08*, MW-155D*, MW-155S*, MW-37*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-51	AGR	DES	No	2	13-May-10	ND (0.2)	ND (1.0)	MW-158C*, MW-158S*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-93C*, WA-MW-01A, WA-MW-01B, WA-MW-02A, WA-MW-02B, WA-MW-03A, WA-MW-03B	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-30	10-Apr-13	Yes	02-05	DOM	DES	No	48	08-Jan-13	0.42	ND (1.0)	FW-01*, FW-02*, MB-A2, MW-17*, MW-39*, MW-53*, MW-77D*, MW-77S*, MW-78D*, MW-78S*, PGE-01, PGE-02, PGE-03, PGE-04, PGE-05, PGE-09, PGE-14*, SA-SM-05D, SA-SM-05S*, SM-05	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-03	10-Apr-13	Yes	28-10	DOM	DES	Yes	3	09-Jan-13	1.5	1.5	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-13	04-Apr-13	Yes	33-02	DOM	DES	No	7	14-Jan-13	0.13	ND (1.0)	MW-165D*, MW-165S*, MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-45	03-Apr-13	Yes	23-35	DOM	DES	Yes	7	11-Jan-13	0.74	ND (1.0)	MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-156S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0495-023-15	28-Mar-13	Yes	14-12	DOM	DES	Yes	9	17-Jan-13	2.9	3.1	MW-111D*, MW-111S1*, MW-111S2*, MW-113D*, MW-113S1*, MW-113S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-12	28-Mar-13	Yes	22-10	DOM	DES	Yes	7	08-Jan-13	2	1.9	MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-156S*, MW-171D1, MW-171D2, MW-171S, MW-172S1, MW-172S2	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-12	28-Mar-13	Yes	22-31	DOM	INACT	Yes	9	08-Jan-13	0.17	ND (1)	MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-156S*, MW-171D1, MW-171D2, MW-171S, MW-172S1, MW-172S2	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-06	27-Mar-13	Yes	02-01	DOM	DES	No	9	08-Jan-13	ND (0.06)	ND (1)	MW-149S*, MW-150S1*, MW-150S2*, MW-36*, MW-48*, MW-51*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, SA-MW-28D, SA-MW-28S, SC-MW-11D*, SC-MW-11S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-24	27-Mar-13	Yes	04N-02	DOM	INACT	Yes	5	03-Oct-12	0.64	ND (1)	MW-130S1*, MW-130S2*, MW-161S1*, MW-161S2*, MW-161S3*, MW-174S1, MW-174S2, MW-174S3	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-24	27-Mar-13	Yes	04N-03	DOM	INACT	Yes	5	01-Oct-12	3.4	3.6	MW-130S1*, MW-130S2*, MW-161S1*, MW-161S2*, MW-161S3*, MW-174S1, MW-174S2, MW-174S3	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-074-06	27-Mar-13	Yes	22-54	DOM	DES	No	7	10-Jan-13	1.4	1.3	MW-171D1, MW-171D2, MW-171S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-273-15	26-Mar-13	Yes	28-45	DOM	DES	Yes	3	03-Apr-12	1.5	1.5	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-32	25-Mar-13	Yes	BGS-51	DOM	DES	No	7	13-Jul-12	ND (0.06)	ND (1)	MW-114D1*, MW-114D2*, MW-114S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-64	05-Mar-13	Yes	34-17	DOM	DES	No	2	06-Sep-12	0.081	ND (1)	MW-159C*, MW-159D*, MW-159S*, MW-160C*, MW-160D*, MW-160S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-33	01-Mar-13	Yes	BGS-15	DOM	DES	No	10	14-Jan-13	0.064	ND (1)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-39	22-Feb-13	Yes	22-57	DOM	DES	No	7	11-Jan-13	1	ND (1)	MW-111D*, MW-111S1*, MW-111S2*, MW-123S1*, MW-123S2*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-301-06	21-Feb-13	Yes	28-55	DOM	INACT	No	2	27-Jun-12	ND (0.06)	ND (1)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-301-06	21-Feb-13	Yes	28-63	DOM	INACT	No	3	04-Oct-12	1.1	1.3	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-26	20-Feb-13	Yes	28-68	DOM	DES	No	2	17-Oct-12	1.6	1.5	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-26	20-Feb-13	Yes	BGS-01	DOM	DES	No	10	15-Jan-13	0.5	ND (1)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-102-05	06-Feb-13	Yes	28-18	DOM	DES	No	1	02-Dec-11	1	1.5	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-17	28-Jan-13	Yes	24-12	DOM	DES	Yes	8	17-Jan-13	2.2	2.2	MW-112D*, MW-112S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-28	25-Jan-13	Yes	04N-01	DOM	INACT	No	4	01-Oct-12	0.47	ND (1)	MW-130S1*, MW-130S2*, MW-131S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-46	18-Jan-13	Yes	34-56	DOM	DES	No	7	05-Oct-12	0.25	ND (1)	MW-155D*, MW-155S*, MW-37*, MW-48*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-11	08-Jan-13	Yes	14-10	DOM	DES	Yes	7	04-Oct-12	3.3	3.3	MW-104D*, MW-104S1*, MW-104S2*, MW-106D*, MW-106S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-06	28-Dec-12	Yes	14-03	DOM	INACT	Yes	2	02-Oct-12	2.9	3	MW-139S1*, MW-139S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-141, MW-142S1*, MW-142S2*, MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Could not be located.
0495-023-06	28-Dec-12	Yes	14-11	DOM	INACT	Yes	8	02-Oct-12	3.1	3.2	MW-104D*, MW-104S1*, MW-104S2*, MW-111D*, MW-111S1*, MW-111S2*, MW-113D*, MW-113S1*, MW-113S2*, MW-142S1*, MW-142S2*, MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-272-08	27-Dec-12	Yes	28-43	DOM	DES	No	3	09-May-12	1.3	1	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-041-37	20-Dec-12	Yes	27-02	DOM	DES	Yes	7	09-Jan-12	1.6	1.7	EX-06, EX-08, EX-10*, EX-17*, MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-45A*, MW-45B*, MW-47*, MW-47A*, MW-47BR, MW-54*, MW-57*, MW-57D*, MW-58*, MW-59*, MW-65BR,	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-37	20-Dec-12	Yes	27-07	DOM	DES	No	9	17-Jul-12	1.2	1.2	EX-05*, EX-06, EX-08, EX-09*, EX-10*, EX-17*, MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-45A*, MW-45B*, MW-47*, MW-47A*, MW-47BR, MW-54*, MW-57*, MW-57D*, MW-58*,	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-09	17-Dec-12	Yes	28-48	DOM	DES	No	3	04-Oct-12	0.097	ND (1)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-39	17-Dec-12	Yes	34-19	DOM	INACT	No	6	05-Oct-12	0.39	ND (1)	MW-122D*, MW-122S*, MW-165D*, MW-165S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-13	13-Dec-12	Yes	02-19	DOM	DES	No	9	08-Oct-12	ND (0.06)	ND (1)	MW-02, MW-149S*, MW-150S1*, MW-150S2*, MW-36*, MW-48*, MW-51*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, SA-MW-11D*, SA-MW-11S*, SA-MW-16D*, SA-MW-16S*, SA-MW-17D*, SA-MW-17S*, SA-MW-18D*, SA-MW-18S*, SA-MW-26D*, SA-MW-26S*, SA-MW-28D, SA-MW-28S, SC-MW-11D*, SC	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-40	13-Dec-12	Yes	23-36	DOM	DES	Yes	4	11-Jul-12	1.5	1.4	MW-111D*, MW-111S1*, MW-111S2*, MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-26	12-Dec-12	Yes	02-27	DOM	INACT	Yes	3	28-Nov-11	1.6	2.2	MW-150S1*, MW-150S2*, MW-53*, PGE-14*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-12	04-Dec-12	Yes	14-04	DOM	DES	Yes	5	04-Apr-12	3.2	3.2	MW-104D*, MW-104S1*, MW-104S2*, MW-106D*, MW-106S*, MW-113D*, MW-113S1*, MW-113S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-13	30-Nov-12	Yes	30E-02	DOM	DES	Yes	6	02-Oct-12	2.1	2.1	MW-152D1*, MW-152D2*, MW-152S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-08	30-Nov-12	Yes	BGS-10	DOM	DES	Yes	10	04-Oct-12	1.4	2.4	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-153S*, MW-165D*, MW-165S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-05	15-Nov-12	Yes	33-18	DOM	DES	No	6	05-Oct-12	0.44	ND (1)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-04	08-Nov-12	Yes	28-57	DOM	DES	No	5	04-Oct-12	0.62	ND (1)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-01	31-Oct-12	Yes	34-44	DOM	DES	Yes	9	04-Oct-12	1.7	1.9	MW-122D*, MW-122S*, MW-158C*, MW-158S*, MW-54*, MW-64A*, MW-64B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-064-06	09-Oct-12	Yes	22-40	DOM	INACT	Yes	9	17-Jul-12	0.39	ND (1)	MW-118S*, MW-119D*, MW-119S*, MW-57*, MW-57D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-14	09-Oct-12	Yes	BGS-22	DOM	DES	No	9	05-Oct-12	0.89	1.2	MW-152D1*, MW-152D2*, MW-152S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-43	20-Sep-12	Yes	22-56	DOM	INACT	Yes	5	12-Jul-12	0.78	ND (1)	MW-123S1*, MW-123S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-09	19-Sep-12	Yes	02-24	DOM	DES	No	7	18-Jul-12	1	1.1	MW-149S*, MW-150S1*, MW-150S2*, MW-36*, MW-48*, MW-51*, MW-67A*, MW-67B*, SA-MW-16D*, SA-MW-16S*, SA-MW-26D*, SA-MW-26S*, SA-MW-28D, SA-MW-28S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-01	30-Aug-12	Yes	14-13	DOM	INACT	Yes	4	25-Apr-12	3.1	2.9	MW-137S1*, MW-137S2*, MW-137S3*, MW-139S1*, MW-139S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-141, MW-142S1*, MW-142S2*, MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0488-112-07	03-Aug-12	Yes	02-21	DOM	INACT	Yes	10	03-Apr-14	0.92	1.1	MW-02, MW-149S*, MW-150S1*, MW-150S2*, MW-177D*, MW-177S*, MW-36*, MW-40, MW-48*, MW-51*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, SA-MW-11D*, SA-MW-11S*, SA-MW-16D*, SA-MW-16S*, SA-MW-17D*, SA-MW-17S*, SA-MW-18D*, SA-MW-18S*, SA-MW-26D*, SA-MW-26S*, SA-MW-28D	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-12	01-Aug-12	Yes	27-21	DOM	INACT	Yes	7	04-Oct-11	1.8	2.2	EX-09*, EX-10*, MW-118S*, MW-119D*, MW-119S*, MW-148S*, MW-47*, MW-47A*, MW-47BR, MW-57*, MW-57D*, MW-59*, MW-65BR, MW-81S*, MW-82S*, LIGHTLE, MW-102D*, MW-102S*, MW-116D1*, MW-116D2*, MW-116S*, MW-95D*, MW-95S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-231-02	13-Jul-12	Yes	25-04	DOM	DES	Yes	5	10-Jan-12	ND (0.06)	ND (1)	MW-104D*, MW-104S1*, MW-104S2*, MW-113D*, MW-113S1*, MW-113S2*, MW-142S1*, MW-142S2*, MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-13	12-Jul-12	Yes	14-01	DOM	INACT	No	6	11-Jul-12	0.12	ND (1)	MW-149S*, MW-150S1*, MW-150S2*, MW-48*, MW-51*, MW-67A*, MW-67B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-04	26-Mar-12	Yes	02-22	DOM	INACT	No	5	04-Jan-12	0.27	ND (1)	MW-139S1*, MW-139S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-142S1*, MW-142S2*, MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-02	13-Mar-12	Yes	14-05	DOM	INACT	Yes	3	20-Jul-12	0.14	ND (1)	C-01*, C-02*, C-03*, EX-31*, EX-33*, G-1R*, G-2R*, G-5R*, MW-112D*, MW-112S*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-70D*, MW-70S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-10	27-Dec-11	Yes	23-03	DOM	INACT	No					DW-03*, EX-13, EX-24*, EX-25*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-170S*, MW-62A*, MW-62B*, MW-62C*, MW-63*, MW-69D*, MW-69S*, MW-70D*, MW-70S*, MW-83D*, MW-83S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-20	21-Dec-11	Yes	23-01	AGR	DES	No					MW-117D*, MW-117S1*, MW-117S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-127S3*, MW-83D*, MW-83S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-20	21-Dec-11	Yes	23-18	DOM	DES	No	2	17-Feb-10	1.02	1.22	CA-MW-312D*, CA-MW-312S, MW-149S*, MW-155D*, MW-155S*, MW-37*, MW-40, MW-48*, MW-61*, MW-73D*, MW-73S*, MW-74D*, MW-74S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-40	20-Dec-11	Yes	34-10	DOM	DES	No	1	06-Dec-07	ND (0.2)	ND (1)	MW-112D*, MW-112S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-29	06-Dec-11	Yes	24-02	DOM	DES	Yes	9	06-Oct-11	3.2	3	C-01*, DW-02*, DW-03*, EX-13, EX-23*, EX-24*, EX-25*, EX-28*, MW-127S1*, MW-127S2*, MW-129S*, MW-170S*, MW-62A*, MW-62B*, MW-62C*, MW-63*, MW-68C*, MW-68D*, MW-68S*, MW-69D*, MW-69S*, MW-70D*, MW-70S*, MW-83D*, MW-83S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-18	21-Oct-11	Yes	23-20	DOM	DES	No	6	05-Oct-11	0.31	ND (1)	MW-155D*, MW-155S*, MW-158C*, MW-158S*, MW-37*, MW-38A*, MW-38B*, MW-61*, MW-74D*, MW-74S, MW-75D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-52	04-Oct-11	Yes	34-08	DOM	DES	No	5	06-Jul-11	ND (0.2)	ND (1)	EX-31*, G-1R*, G-2R*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-37	26-Sep-11	Yes	24-09	DOM	DES	No	6	08-Jul-11	3.5	3				

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-011-18	23-Sep-11	Yes	25-17	DOM	DES	No	4	08-Jul-11	2.5	2	MW-110D*, MW-110S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-30	09-Sep-11	Yes	24-08	DOM	DES	No	7	16-Aug-11	3	2.9	MW-112D*, MW-112S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-55	09-Sep-11	Yes	34-05	DOM	DES	No	2	08-Mar-11	1.1J	1.5	CA-MW-110, CA-MW-301*, CA-MW-312D*, CA-MW-312S, CA-MW-313*, CA-MW-401*, CA-MW-412D*, CA-MW-412S*, MW-155D*, MW-155S*, MW-37*, MW-38A*, MW-38B*, MW-40, MW-61*, MW-73D*, MW-73S*, MW-74D*, MW-74S, MW-75D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-50	29-Aug-11	Yes	34-43	DOM	DES	No	4	06-Jul-11	ND (0.2)	ND (1)	MW-155D*, MW-155S*, MW-158C*, MW-158S*, MW-37*, MW-61*, MW-64A*, MW-64B*, MW-75D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-211-08	12-Aug-11	Yes	26-49	DOM	DES	No	7	08-Jul-11	4.6	4	C-02*, C-03*, C-04*, MW-32B1*, MW-32B2*, MW-32S*, MW-34*, MW-41S*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-34	03-Aug-11	Yes	23-32	DOM	DES	No	5	05-Apr-11	0.81	1	C-03*, EX-31*, EX-33*, G-1R*, G-2R*, G-5R*, MW-112D*, MW-112S*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-94D*, MW-94S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-04	26-Jul-11	Yes	23-26	DOM	DES	No	5	05-Apr-11	ND (1)	ND (1)	EX-32*, G-1R*, G-2R*, MW-117D*, MW-117S1*, MW-117S2*, MW-127S1*, MW-127S2*, MW-128S1*, MW-128S2*, MW-128S3*, MW-69D*, MW-69S*, MW-70D*, MW-70S*, MW-71D*, MW-71S*, MW-83D*, MW-83S*, MW-84D*, MW-84S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*, MW-94D*, MW-94S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-29	21-Jul-11	Yes	23-22	DOM	DES	No	5	05-Apr-11	3.9	4.3	EX-31*, EX-32*, EX-33*, G-1R*, G-2R*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-70D*, MW-70S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-85D*, MW-85S*, MW-94D*, MW-94S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-011-02	29-Jun-11	Yes	25-07	DOM	DES	No	6	05-Apr-11	3.2	3	MW-34*, MW-41A*, MW-41B*, MW-41S*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-24	27-Jun-11	Yes	23-13	DOM	DES	No	6	05-Apr-11	0.75	1.3	MW-117D*, MW-117S1*, MW-117S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-24	27-Jun-11	Yes	23-14	AGR	DES	No	4		1.1	1.5	MW-117D*, MW-117S1*, MW-117S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-127S2*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-24	27-Jun-11	Yes	23-31	AGR	DES	No	1	17-Feb-10	0.41	ND (1)	MW-117D*, MW-117S1*, MW-117S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-211-06	27-Jun-11	Yes	26-50	DOM	DES	No	6	06-Apr-11	2.4	2.6	C-02*, C-03*, C-04*, EX-31*, G-5R*, MW-112D*, MW-112S*, MW-32B1*, MW-32B2*, MW-32S*, MW-34*, MW-50A*, MW-50B*, MW-50S*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-72D*, MW-72S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
	13-May-11	Yes	25-12	DOM	DES	No	4	05-Apr-11	1.6	1.4	C-02*, C-03*, C-04*, MW-32B2*, MW-32S*, MW-34*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-34	02-Jun-11	Yes	23-29	DOM	DES	No	1	02-Feb-11	0.87	1	MW-111D*, MW-111S1*, MW-111S2*, MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-36	30-May-12	Yes	34-31	DOM	INACT	No	4	18-Jan-12	0.18	ND (1)	MW-158C*, MW-158S*, MW-64A*, MW-64B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-05	27-May-11	Yes	23-06	DOM	DES	No					EX-32*, G-1R*, G-2R*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-71D*, MW-71S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-05	27-May-11	Yes	23-08	AGR	DES	No					EX-32*, G-1R*, MW-105D*, MW-105S*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-84D*, MW-84S*, MW-94D*, MW-94S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-011-21	13-May-11	Yes	25-11	DOM	DES	No	6	05-Apr-11	2.3	2.8	C-02*, C-03*, MW-112D*, MW-112S*, MW-34*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
Wells on PG&E-owned property (purchased after Jan 2011) that were not included in the mandatory DWSP														
0488-112-44	10-Dec-18	No	02-28	DOM	INACT									Yes
0488-151-22	19-Nov-18	No	03-17	DOM	INACT									Yes
0494-051-40	28-Dec-18	No	27-13	DOM	INACT									Yes
0494-051-40	28-Dec-18	No	27-15	DOM	ABN									Yes
0494-051-40	28-Dec-18	No	27-37	DOM	ABN									Yes
0494-031-19	19-May-17	No	34-39	DOM	ABN									Yes
0494-251-10	6-Apr-18	Yes	35-28	DOM	ABN									Yes
0494-031-38	26-Mar-18	Yes	34-11A	DOM	INACT									Yes
0495-063-03	23-Oct-17	No	22-71	DOM	INACT									Yes
0494-031-70	18-May-17	Yes	34-66	DOM	INACT									Yes
0494-031-69	18-May-17	Yes	34-29	DOM	INACT									Yes
0494-031-68	12-Apr-17	Yes	34-65	DOM	INACT									Yes
0494-201-22		Yes	34-38	DOM	ABN								Destroyed during California Department of Transportation construction	
0497-081-39	29-Feb-16	Yes	06-20	DOM	INACT									Yes
0494-111-07	06-Nov-15	Yes	28-72	DOM	DES									Yes
0494-011-19	19-Aug-15	Yes	25-15	DOM	ABN									Yes
0495-041-23	02-Jul-15	Yes	23-34	DOM	ABN									Could not be located.
0494-311-21	14-May-15	Yes	33-06	WTR	DES									Yes
0494-021-11	14-May-14	Yes	36-14	DOM	DES									Yes
0494-021-11	14-May-14	Yes	36-15	WTR	INACT									Yes
0494-021-11	14-May-14	Yes	36-16	AGR	INACT									Yes
0494-231-03	08-May-14	Yes	25-05	DOM	DES									Yes
0495-072-05	29-Jan-14	Yes	21-01	WTR	ABN								Could not be located.	
0494-241-34	26-Nov-13	Yes	LIGHTLE	WTR	INACT								Could not be located.	
0495-051-24	19-Sep-13	Yes	22-01	AGR	DES									Yes
0494-271-08	30-Aug-13	Yes	28-07	WTR	DES									Yes
0494-241-03	06-Aug-13	Yes	36-23	AGR	INACT									Yes
0488-151-04	02-Aug-13	Yes	03-03	WTR	INACT								Could not be located.	
0488-151-04	02-Aug-13	Yes	03-18	DOM	DES								Could not be located.	
0494-241-06	18-Jul-13	Yes	36-06A	DOM	ABN								Could not be located.	
0494-241-06	18-Jul-13	Yes	36-06	WTR	INACT									Yes
0494-191-05	25-Jun-13	Yes	28-04	AGR	DES									Yes
0494-221-50	20-Jun-13	Yes	26-38	AGR	DES								Could not be located.	
0494-211-10	20-Jun-13	Yes	26-48	AGR	DES									Yes
0494-221-50	20-Jun-13	Yes	26-55	DOM	DES									Could not be located.

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-201-19	05-Jun-13	Yes	34-40	DOM	DES									Could not be located.
0494-201-19	05-Jun-13	Yes	34-41	DOM	DES									Could not be located.
0494-201-35	22-Apr-13	Yes	34-52	AGR	DES									Yes
0488-112-26	12-Dec-12	Yes	02-04	WTR	DES									Yes
0494-221-15	14-Aug-12	Yes	26-21	DOM	DES									Yes
0494-211-11	14-Aug-12	Yes	26-34	AGR	DES									Yes
0494-211-11	14-Aug-12	Yes	26-35	AGR	DES									Yes
0494-211-11	14-Aug-12	Yes	26-36	AGR	DES									Yes
0494-011-09	02-Nov-11	Yes	25-09	WTR	ABN									Could not be located.
0495-041-18	21-Oct-11	Yes	23-21	DOM	DES									Could not be located.
0494-201-52	04-Oct-11	Yes	34-42	DOM	DES									Yes
0494-201-50	29-Aug-11	Yes	34-07	DOM	DES									Yes
0495-041-34	03-Aug-11	Yes	23-33	DOM	ABN									Could not be located.
0494-011-02	29-Jun-11	Yes	25-13	DOM	DES									Yes
0494-211-06	27-Jun-11	Yes	26-69	DOM	ABN									Yes
0494-211-04	11-Apr-11	Yes	26-70	WTR	ABN									Could not be located.

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Abbreviations:
* Indicates the well has been sampled after 12/1/2011
ABN = abandoned
ACT = active
AGR = agricultural well
APN = assessor's parcel number
Cr(T) = total chromium
Cr(VI) = hexavalent chromium
DES = destroyed
DOM = domestic well
DWSP = Domestic Well Sampling Program
INACT = inactive
ND (X.XX) = non-detect, value in parantheses is the reporting limit value
PG&E = Pacific Gas and Electric Company
ppb = parts per billion
WTR = water well

Reference:
California Regional Water Quality Control Board' Lahontan Region. 2015. Cleanup and Abatement Order No. R6v-2015-0068 Requiring PG&E to Cleanup and Abate Waste Discharge of Total Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit, PG&E Compressor Station, Hinkley, San Bernardino County. November 4.

- = domestic well is located within 2,000 feet of a multi-level monitoring well (Group 1)
- = domestic well is not located within 2,000 feet of a multi-level monitoring well. Cr(VI) and Cr(T) concentrations after September 29, 2011 are below 2 ppb (Group 2)
- = domestic well is not located within 2,000 feet of a multi-level monitoring well (Group 3)

Table 2-6

**Former Domestic and Agricultural Supply Wells Destroyed by PG&E, Current Quarter 2021
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Location Type Code	Abandonment Date
None		
<hr/>		
Total number of wells:	0	
<hr/>		

Abbreviations:

PG&E = Pacific Gas and Electric Company

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
26-65	07/06/2020	ND (0.06)	218.6LL	ND (1.0)	0.26	09/11/2013	5.0	07/22/2003
26-66	07/06/2020	0.21	218.6	1.2	0.57	10/14/2015	2.2	08/23/2005
BW-01D	07/08/2020	1.8	218.6	2.5				
	07/08/2020	dup 1.7	218.6	2.5				
	10/23/2020	1.5	218.6	2.7				
	10/23/2020	dup 1.5	218.6	2.7				
	12/03/2020	1.7	218.6	1.9				
	01/04/2021	1.5	218.6	1.8				
	04/16/2021	1.8	218.6	2.7	17.0	01/10/2019	20.0	01/10/2019
BW-01S	07/08/2020	3.9	218.6	4.6				
	10/23/2020	0.28	218.6	2.3				
	12/03/2020	ND (0.2)	218.6	ND (1.0)				
	01/04/2021	ND (0.2)	218.6	ND (1.0)				
	04/16/2021	1.2	218.6	1.9	19.0	05/08/2019	19.0	05/08/2019
C-01	10/15/2020	1.3	218.6	1.5				
	10/15/2020	dup 1.3	218.6	1.5				
	04/08/2021	1.0	218.6	1.3	7.1	10/10/2014	7.6	04/10/2014
C-02	10/07/2020	3.9	218.6	4.0				
	10/07/2020	dup 3.9	218.6	4.1				
	04/08/2021	4.0	218.6	3.9	14.7	10/25/2011	14.0	04/19/2012
C-03	10/07/2020	2.0	218.6	2.1				
	04/08/2021	2.9	218.6	2.8	12.8	10/25/2011	12.3	01/27/2012
C-04	10/15/2020	0.66	218.6	3.3				
	12/03/2020	0.89	218.6	1.4				
	04/08/2021	ND (0.2)	218.6	ND (1.0)				
	04/15/2021	ND (0.2)	218.6	ND (1.0)	7.9	10/10/2014	7.6	04/10/2014
CA-MW-107D	07/14/2020	ND (0.2)	218.6	ND (1.0)				
	10/22/2020	ND (0.2)	218.6	ND (1.0)				
	01/07/2021	ND (0.2)	218.6	ND (1.0)				
	05/07/2021	ND (0.2)	218.6	ND (1.0)	170	04/09/2014	202	05/06/2009
CA-MW-302D	07/13/2020	120	218.6	140				
	01/07/2021	120	218.6	120	120	01/07/2021	140	07/13/2020
CA-MW-310S	07/15/2020	ND (0.2)	218.6	ND (1.0)				
	01/12/2021	0.54	218.6	ND (1.0)	12.0	02/04/2016	11.0	01/12/2017
CA-MW-312D	07/15/2020	42	218.6	48				
	10/22/2020	52	218.6	52				
	10/22/2020	dup 52	218.6	53				
	01/06/2021	43	218.6	44				
	04/19/2021	59	218.6	57	79.0	04/14/2017	76.0	04/14/2017

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
CA-MW-313R	07/15/2020	120	218.6	140				
	10/22/2020	81	218.6	92				
	01/06/2021	58	218.6	58				
	04/19/2021	39	218.6	40	250	04/30/2018	280	04/30/2018
CA-MW-402S	07/16/2020	18	218.6	20				
	01/06/2021	12	218.6	13	93.0	05/09/2017	93.0	10/19/2017
CA-MW-405D	07/16/2020	22	218.6	24				
	01/06/2021	22	218.6	22	97.0	11/05/2013	91.0	02/03/2014
CA-MW-411S	07/16/2020	ND (0.2)	218.6	14				
	01/06/2021	ND (0.2)	218.6	ND (1.0)	73.0	08/04/2011	70.0	08/04/2011
CA-MW-412D	07/17/2020	77	218.6	78				
	10/23/2020	82	218.6	87				
	01/06/2021	78	218.6	80				
	04/19/2021	76	218.6	74	88.0	10/19/2017	87.0	10/23/2020
CA-MW-412D2	07/17/2020	ND (0.2)	218.6	ND (1.0)				
	10/23/2020	ND (0.2)	218.6	ND (1.0)				
	01/06/2021	ND (0.2)	218.6	ND (1.0)				
	04/19/2021	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/19/2021	1.3	01/10/2020
CA-MW-510D	08/04/2020	0.32	218.6	1.2				
	11/02/2020	0.48	218.6	1.1				
	11/02/2020 dup	0.48	218.6	ND (1.0)				
	02/02/2021	0.4	218.6	ND (1.0)				
	05/03/2021	0.61	218.6	1.3	32.0	11/07/2011	28.0	11/07/2011
DW-02	07/06/2020	1.9	218.6	2.5				
	10/14/2020	1.4	218.6	1.8				
	01/19/2021	2.1	218.6	2.1				
	04/15/2021	1.6	218.6	1.5	2.4	10/11/2017	12.6	04/19/2006
DW-03	10/15/2020	2.2	218.6	2.8				
	10/15/2020 dup	2.2	218.6	2.7				
	04/15/2021	1.9	218.6	2.0	2.4	05/05/2011	6.7	04/19/2006
	04/15/2021 dup	1.9	218.6	2.2				
EX-02	07/07/2020	4.7	218.6	5.7				
	10/08/2020	4.2	218.6	4.9				
	01/12/2021	4.6	218.6	4.6				
	04/07/2021	4.8	218.6	5.0	23.0	10/17/2014	23.6	11/09/2004
EX-03	10/16/2020	0.96	218.6	2.2				
	12/03/2020	0.9	218.6	1.4				
	04/07/2021	1.1	218.6	3.1				
	06/03/2021	ND (0.2)	218.6	ND (1.0)	34.0	06/21/2007	32.8	08/13/2007

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-04	07/14/2020	1.3	218.6	2.6				
	07/14/2020	dup 1.3	218.6	2.5				
	09/02/2020	1.3	218.6	2.6				
	10/16/2020	1.8	218.6	2.2				
	10/16/2020	dup 1.7	218.6	2.1				
	01/14/2021	1.5	218.6	1.7				
	01/14/2021	dup 1.5	218.6	1.7				
	04/07/2021	1.3	218.6	1.7	24.6	06/04/2008	27.5	06/04/2008
	04/07/2021	dup 1.3	218.6	1.7				
EX-05	10/16/2020	1.3	218.6	1.6				
	10/16/2020	dup 1.4	218.6	1.5				
	04/07/2021	0.99	218.6	1.1	10.2	03/31/2011	10.1	06/16/2011
EX-15	10/16/2020	1.0	218.6	1.1				
	05/06/2021	ND (0.2)	218.6	ND (1.0)	48.5	08/19/2010	47.2	11/10/2009
EX-16	10/16/2020	1.7	218.6	1.9				
	04/07/2021	1.1	218.6	1.2	57.0	12/14/2006	56.5	12/14/2006
EX-17	10/19/2020	ND (0.2)	218.6	ND (1.0)				
	10/19/2020	dup ND (0.2)	218.6	ND (1.0)				
	04/07/2021	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/07/2021	ND (1.0)	04/07/2021
EX-20	10/16/2020	1.7	218.6	2.5				
	04/07/2021	ND (0.2)	218.6	ND (1.0)	61.2	06/02/2008	63.2	06/02/2008
EX-21	10/19/2020	ND (0.2)	218.6	ND (1.0)				
	04/07/2021	ND (0.2)	218.6	ND (1.0)	45.3	08/19/2010	40.0	08/19/2010
EX-22	07/07/2020	29	218.6	32				
	01/12/2021	25	218.6	26				
	04/08/2021	25	218.6	27	53.0	04/09/2019	52.0	04/09/2019
EX-23	10/19/2020	2.0	218.6	2.3				
	10/19/2020	dup 2.0	218.6	2.2				
	04/12/2021	2.1	218.6	2.2	6.0	09/15/2010	5.8	01/27/2011
EX-25	10/08/2020	2.9	218.6	3.0				
	04/08/2021	2.9	218.6	2.9	9.5	09/12/2011	9.9	09/12/2011
EX-27	10/08/2020	3.9	218.6	4.3				
	04/08/2021	3.9	218.6	3.8	9.8	01/08/2015	9.1	10/09/2013
EX-29	07/07/2020	6.0	218.6	6.5				
	01/12/2021	7.3	218.6	7.8				
	04/07/2021	8.1	218.6	8.4	39.5	06/14/2012	41.5	08/09/2012

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Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-30	07/07/2020	1.9	218.6	2.2				
	10/08/2020	1.7	218.6	2.1				
	01/12/2021	2.2	218.6	2.2				
	04/07/2021	1.6	218.6	1.7	47.0	01/08/2014	44.0	01/31/2013
EX-31	07/14/2020	3.6	218.6	6.1				
	09/02/2020	2.7	218.6	5.7				
	10/15/2020	3.2	218.6	5.7				
	12/03/2020	2.0	218.6	4.6				
	01/14/2021	4.3	218.6	4.6				
	04/07/2021	5.8	218.6	5.7	6.2	10/03/2017	6.2	07/11/2019
	04/07/2021 dup	5.8	218.6	5.9				
EX-32	07/14/2020	2.1	218.6	2.4				
	10/15/2020	1.4	218.6	1.8				
	10/15/2020 dup	1.3	218.6	1.7				
	01/14/2021	1.7	218.6	1.9				
	04/07/2021	1.5	218.6	2.0	2.5	01/25/2013	2.9	10/11/2012
EX-33	07/14/2020	2.5	218.6	2.7				
	07/14/2020 dup	2.5	218.6	2.7				
	10/15/2020	2.4	218.6	2.6				
	01/14/2021	2.4	218.6	2.4				
	01/14/2021 dup	2.4	218.6	2.4				
	04/07/2021	1.9	218.6	2.4	7.8	06/14/2012	7.8	06/14/2012
	04/07/2021 dup	1.9	218.6	2.4				
EX-34	07/07/2020	7.2	218.6	7.4				
	10/08/2020	6.6	218.6	7.5				
	01/12/2021	6.2	218.6	6.1				
	04/07/2021	6.3	218.6	6.1	26.0	10/13/2015	27.0	07/13/2015
EX-35	10/08/2020	3.4	218.6	3.6				
	04/08/2021	3.6	218.6	3.8	4.1	10/04/2017	4.5	05/07/2013
	04/08/2021 dup	3.6	218.6	3.7				
EX-36	10/19/2020	0.53	218.6	1.8				
	12/04/2020	1.5	218.6	2.2				
	04/06/2021	1.4	218.6	3.6				
	06/01/2021	1.4	218.6	6.6	2.0	05/15/2014	34.0	10/17/2018
EX-37	07/07/2020	6.2	218.6	6.8				
	01/12/2021	9.6	218.6	12				
	04/07/2021	10	218.6	12	20.0	02/05/2015	38.0	04/16/2020
EX-38	07/07/2020	44	218.6	51				
	10/08/2020	31	218.6	34				
	01/06/2021	66	218.6	68				
	04/15/2021	55	218.6	50	66.0	01/06/2021	68.0	01/06/2021

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-39	10/08/2020	110	218.6	140				
	04/13/2021	97	218.6	120	330	01/18/2018	340	01/18/2018
EX-42	07/07/2020	72	218.6	82				
	10/08/2020	70	218.6	82				
	10/08/2020	dup 69	218.6	78				
	01/06/2021	66	218.6	65				
	04/13/2021	66	218.6	64	260	01/07/2016	280	01/07/2016
	04/13/2021	dup 66	218.6	65				
EX-50	07/07/2020	51	218.6	57				
	10/08/2020	50	218.6	56				
	10/08/2020	dup 49	218.6	57				
	01/06/2021	50	218.6	52				
	04/13/2021	46	218.6	46	720	03/31/2015	750	07/10/2015
	04/13/2021	dup 46	218.6	49				
EX-51	10/13/2020	60	218.6	64				
	04/13/2021	57	218.6	59	70.0	04/09/2020	70.0	04/09/2020
EX-52	07/07/2020	17	218.6	19				
	10/22/2020	11	218.6	11				
	01/06/2021	14	218.6	14				
	04/13/2021	16	218.6	15	20.0	10/08/2015	19.0	07/07/2020
EX-53	07/07/2020	12	218.6	13				
	10/13/2020	13	218.6	13				
	01/12/2021	12	218.6	12				
	04/08/2021	14	218.6	13	21.0	10/10/2017	20.0	10/10/2017
EX-54	07/14/2020	38	218.6	42				
	10/15/2020	160	218.6	---	160	10/15/2020	160	04/11/2019
EX-55	07/14/2020	63	218.6	69				
	07/14/2020	dup 63	218.6	69				
	10/15/2020	68	218.6	69				
	10/15/2020	dup 69	218.6	70				
	01/06/2021	48	218.6	47				
	04/15/2021	66	218.6	63	80.0	07/16/2019	74.0	07/16/2019
EX-56	07/07/2020	13	218.6	14				
	10/13/2020	16	218.6	17				
	01/06/2021	19	218.6	19				
	04/15/2021	31	218.6	30	52.0	03/01/2018	30.0	04/15/2021

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-59	07/07/2020	45	218.6	48				
	10/13/2020	69	218.6	68				
	01/06/2021	59	218.6	58				
	01/06/2021 dup	58	218.6	55				
	04/12/2021	39	218.6	38	69.0	10/13/2020	68.0	10/13/2020
EX-60D	07/09/2020 a	210	218.6	230				
	10/13/2020 a	260	218.6	270				
	01/06/2021 a	220	218.6	250				
	01/06/2021 a dup	220	218.6	240				
	04/15/2021 a	200	218.6	200	260	10/13/2020	290	04/09/2020
EX-61D	07/09/2020 a	120	218.6	140				
	10/13/2020 a	130	218.6	140				
	01/06/2021 a	120	218.6	110				
	04/15/2021 a	100	218.6	93	130	10/13/2020	140	10/13/2020
EX-62	07/09/2020	5.3	218.6	5.4				
	10/13/2020	5.7	218.6	5.9				
	01/12/2021	5.2	218.6	5.3				
	04/08/2021	4.8	218.6	5.2	5.8	07/11/2019	5.9	10/13/2020
EX-63	07/09/2020	95	218.6	160				
	10/13/2020	51	218.6	95				
	01/06/2021	37	218.6	62 J				
	04/15/2021	27	218.6	48	210	07/11/2019	200	07/11/2019
EX-64	07/09/2020	160	218.6	210				
	07/09/2020 dup	160	218.6	200				
	10/13/2020	80	218.6	110				
	01/06/2021	100	218.6	130				
	04/15/2021	98	218.6	110	510	05/09/2019	520	07/11/2019
EX-65	07/09/2020	16	218.6	29				
	10/13/2020	16	218.6	32				
	01/20/2021	17	218.6	31				
	04/15/2021	21	218.6	32	150	05/09/2019	140	05/09/2019
EX-66	07/14/2020	7.0	218.6	7.8				
	10/15/2020	7.5	218.6	7.5				
	10/15/2020 dup	7.5	218.6	7.5				
	01/12/2021	7.4	218.6	7.6				
	01/12/2021 dup	7.4	218.6	7.4				
	05/06/2021	5.0	218.6	6.7	22.0	04/11/2019	22.0	04/11/2019
	05/06/2021 dup	5.0	218.6	6.2				

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-67	07/14/2020	23	218.6	24				
	07/14/2020 dup	23	218.6	24				
	10/15/2020	21	218.6	24				
	01/12/2021	24	218.6	24	39.0	11/16/2018	36.0	05/09/2019
	01/12/2021 dup	23	218.6	24				
EX-68	12/21/2020	33	218.6	---				
	01/05/2021 b	190	218.6	200 J				
	01/05/2021 b dup	190 J	218.6	210 J				
	04/15/2021	35	218.6	33	190	01/05/2021	210	01/05/2021
EX-69	11/09/2020	12	218.6	---				
	01/05/2021 b	1.7 J	218.6	18 J				
	03/02/2021	16	218.6	17				
	04/15/2021	32	218.6	30	32.0	04/15/2021	30.0	04/15/2021
FW-01	07/14/2020	0.46	218.6	ND (1.0)				
	01/12/2021	0.56	218.6	ND (1.0)	1.1	02/06/2015	1.9	10/27/2011
	01/12/2021 dup	0.56	218.6	ND (1.0)				
FW-02	07/14/2020	0.87	218.6	ND (1.0)				
	07/14/2020 dup	0.85	218.6	1.0				
	01/12/2021	0.8	218.6	ND (1.0)	1.1	01/03/2017	1.6	02/08/2012
	01/12/2021 dup	0.79	218.6	ND (1.0)				
FW-03	07/14/2020	ND (0.2)	218.6	ND (1.0)				
	01/14/2021	0.22	218.6	ND (1.0)	0.36	01/18/2018	ND (1.0)	01/14/2021
FW-04	07/14/2020	ND (0.2)	218.6	ND (1.0)				
	01/14/2021	0.21	218.6	ND (1.0)	0.31	01/21/2016	ND (1.0)	01/14/2021
	01/14/2021 dup	0.21	218.6	ND (1.0)				
G-1R	10/15/2020	ND (0.2)	218.6	ND (1.0)				
	04/08/2021	ND (0.2)	218.6	ND (1.0)	5.1	03/09/2011	5.4	03/09/2011
G-2R	10/13/2020	1.5	218.6	1.6				
	04/08/2021	1.6	218.6	1.6	6.9	07/09/2015	7.0	07/09/2015
G-5R	10/13/2020	4.2	218.6	4.5				
	04/07/2021	0.87	218.6	1.0	6.6	09/12/2011	6.8	10/25/2011
IW-01	07/09/2020	6.7	218.6	7.1				
	10/13/2020	6.7	218.6	7.2				
	01/12/2021	6.0	218.6	5.8				
	04/07/2021	6.2	218.6	5.7	60.0	03/04/1998	63.0	02/08/2000
	04/07/2021 dup	6.2	218.6	5.8				

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
IW-02	07/09/2020	6.8	218.6	7.3				
	10/13/2020	7.1	218.6	7.5				
	01/12/2021	7.8	218.6	7.7				
	04/07/2021	8.6	218.6	8.2	82.0	10/08/1997	90.0	10/03/1995
	04/07/2021 dup	8.5	218.6	8.1				
IW-03	10/13/2020	6.0	218.6	6.5				
	10/13/2020 dup	6.0	218.6	6.3				
	04/07/2021	5.0	218.6	4.7	6.0	10/13/2020	6.5	10/13/2020
MW-01	07/23/2020	ND (0.2)	218.6	ND (1.0)				
	10/22/2020	ND (0.2)	218.6	ND (1.0)				
	01/20/2021	ND (0.2)	218.6	ND (1.0)				
	04/22/2021	ND (0.2)	218.6	ND (1.0)	990	07/21/2015	1490	08/23/2005
MW-03	07/23/2020	14	218.6	15				
	10/22/2020	14	218.6	14				
	01/20/2021	6.7	218.6	6.6				
	01/20/2021	6.7	7199	---				
	04/22/2021	22	218.6	21	110	05/01/1988	140	08/11/1994
MW-04	07/13/2020	ND (0.2)	218.6	ND (1.0)				
	10/15/2020	ND (0.2)	218.6	ND (1.0)				
	01/06/2021	ND (0.2)	218.6	ND (1.0)				
	04/19/2021	0.59	218.6	ND (1.0)	410	01/06/2017	460	01/21/2016
MW-05	10/15/2020	7.3	218.6	6.9				
	12/03/2020	12	218.6	11				
	01/20/2021	19	218.6	20				
	04/19/2021	28	218.6	27	28.0	04/19/2021	27.0	04/19/2021
MW-09	10/15/2020	2.2	218.6	2.4				
	04/12/2021	2.9	218.6	2.7	52.0	02/20/2004	56.9	12/01/2003
MW-10	07/20/2020	6.6	218.6	6.7				
	10/20/2020	8.8	218.6	9.0				
	02/03/2021	4.9	218.6	5.0				
	04/08/2021	5.2	218.6	4.9	100	05/01/1988	93.0	11/16/1998
MW-11B	07/13/2020	0.27	218.6	ND (1.0)				
	10/15/2020	0.38	218.6	1.1				
	10/15/2020 dup	0.38	218.6	1.1				
	01/06/2021	4.9	218.6	5.0				
	04/20/2021	7.8	218.6	8.4	3700	05/01/1988	4200	05/01/1988
MW-11C	10/15/2020	ND (0.2)	218.6	ND (1.0)	ND (0.2)	10/15/2020	2.0	12/07/2001
MW-12B	07/13/2020	5.2	218.6	7.0	47.6	07/29/2011	46.9	07/29/2011
MW-13	07/13/2020	0.5	218.6	ND (1.0)	110	02/07/2013	310	02/23/1994

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-14A	08/04/2020	1.7	218.6	1.8				
	02/02/2021	6.3	218.6	6.1	140	02/23/1999	190	10/05/1995
MW-14B	10/15/2020	27	218.6	32				
	10/15/2020 dup	27	218.6	32				
	04/13/2021	30	218.6	30	46.2	07/29/2011	120	02/27/1996
MW-14C	10/15/2020	ND (0.2)	218.6	ND (1.0)	20.0	05/01/1988	2.9	02/20/2004
MW-15	07/23/2020	130	218.6	160				
	10/22/2020	95	218.6	110				
	01/20/2021	110	218.6	110				
	04/22/2021	250	218.6	260	2600	05/01/1988	4700	10/04/1995
MW-16	07/14/2020	0.69	218.6	ND (1.0)				
	07/14/2020 dup	0.69	218.6	ND (1.0)				
	10/20/2020	0.83	218.6	ND (1.0)				
	01/13/2021	0.65	218.6	ND (1.0)				
	04/12/2021	2.3	218.6	2.2	811	07/29/1997	930	10/07/1997
MW-17	07/24/2020	64	218.6	71				
	07/24/2020 dup	62	218.6	70				
	10/22/2020	120	218.6	130				
	10/22/2020 dup	120	218.6	130				
	01/04/2021	88	218.6	91				
	04/22/2021	59	218.6	57	162	05/02/2011	164	05/02/2011
MW-17D	07/24/2020	0.86	218.6	2.8				
	01/04/2021	0.55	218.6	ND (1.0)	3.0	07/11/2019	3.4	07/11/2019
MW-18	07/15/2020	1.8	218.6	5.6				
	01/15/2021	6.2	218.6	6.5	162	08/09/2007	284	11/12/2002
MW-20	07/23/2020	ND (0.2)	218.6	ND (1.0)				
	10/22/2020	ND (0.2)	218.6	ND (1.0)				
	01/21/2021	ND (0.2)	218.6	ND (1.0)				
	04/22/2021	ND (0.2)	218.6	ND (1.0)	1790	05/02/2011	2400	04/09/1997
MW-21A	07/06/2020	1.2	218.6	1.6				
	10/13/2020	1.2	218.6	1.8				
	01/19/2021	1.1	218.6	1.4				
	04/09/2021	1.3	218.6	2.0	4.1	01/14/2016	5.5	01/14/2016
MW-21B1	07/06/2020	4.6	218.6	5.5				
	10/13/2020	4.4	218.6	4.8				
	01/19/2021	4.9	218.6	4.8				
	04/09/2021	4.0	218.6	5.0	37.9	10/11/2005	37.0	10/11/2005
MW-21C	10/13/2020	ND (0.2)	218.6	ND (1.0)				
	04/09/2021	ND (0.2)	218.6	1.1	2.3	09/24/2002	55.7	11/12/2002

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-22B	10/15/2020	7.1	218.6	7.3				
	04/12/2021	8.5	218.6	8.1	36.8	04/08/2013	38.4	01/14/2014
MW-23B	07/08/2020	3.5	218.6	3.7				
	10/15/2020	3.8	218.6	3.8				
	01/19/2021	3.7	218.6	3.5				
	04/14/2021	3.5	218.6	3.4	64.9	06/24/2003	68.8	04/17/2003
MW-23C	10/15/2020	0.39	218.6	ND (1.0)				
	04/14/2021	0.36	218.6	ND (1.0)	23.8	11/07/2011	26.2	04/17/2012
MW-27A	10/21/2020	9.5	218.6	9.9				
	04/14/2021	9.8	218.6	9.0	24.5	02/20/2004	35.4	12/01/2003
MW-27B	10/21/2020	2.4	218.6	2.7				
	04/14/2021	7.2	218.6	6.8	15.5	02/08/2005	20.2	02/08/2005
MW-28B	10/15/2020	2.1	218.6	2.3				
	04/13/2021	2.5	218.6	2.4	64.0	10/16/2007	61.6	04/13/2007
MW-28C	10/15/2020	ND (0.2)	218.6	ND (1.0)				
	04/13/2021	0.33	218.6	ND (1.0)	11.3	04/25/2012	12.2	04/25/2012
MW-29	10/14/2020	0.79	218.6	1.3				
	04/14/2021	0.88	218.6	1.2	25.8	02/04/2009	27.0	02/13/2008
MW-31	07/07/2020	2.0	218.6	2.5				
	10/13/2020	2.0	218.6	2.5				
	01/19/2021	1.9	218.6	2.6				
	04/08/2021	2.2	218.6	2.5	34.1	04/09/2007	37.8	04/09/2007
MW-31C	10/13/2020	1.8	218.6	2.0				
	04/08/2021	1.8	218.6	1.8	2.1	11/16/2009	2.1	10/17/2018
MW-32B1	07/07/2020	6.8	218.6	6.9				
	10/14/2020	2.8	218.6	2.9				
	01/19/2021	3.4	218.6	3.2				
	04/09/2021	3.6	218.6	3.4	17.1	04/15/2013	17.4	04/15/2013
MW-32S	07/07/2020	0.93	218.6	1.8				
	10/14/2020	0.97	218.6	1.6				
	01/19/2021	0.93	218.6	1.1				
	04/09/2021	0.97	218.6	ND (1.0)	4.9	04/09/2013	5.7	04/08/2016
MW-34	10/14/2020	ND (0.2)	218.6	ND (1.0)				
	04/14/2021	ND (0.2)	218.6	ND (1.0)	0.46	07/15/2003	4.0	02/22/2006
MW-36	07/15/2020	7.6	218.6	7.2				
	10/21/2020	1.0	218.6	1.1				
	01/05/2021	ND (0.2)	218.6	ND (1.0)				
	04/16/2021	1.0	218.6	ND (1.0)	440	10/20/2015	460	10/20/2015

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-37	07/15/2020	0.85	218.6	1.0				
	10/21/2020	0.77	218.6	1.3				
	10/21/2020	0.78	218.6	1.2				
	01/05/2021	0.67	218.6	ND (1.0)				
	04/16/2021	0.79	218.6	1.3	1.6	01/05/2017	3.9	01/13/2014
MW-38B	07/15/2020	6.1	218.6	7.3				
	10/21/2020	4.8	218.6	6.3				
	02/03/2021	3.3	218.6	3.9				
	05/06/2021	3.3	218.6	4.0	51.5	02/20/2004	47.6	04/28/2004
MW-39	07/22/2020	ND (0.2)	218.6	ND (1.0)				
	10/22/2020	ND (0.2)	218.6	ND (1.0)				
	01/04/2021	ND (0.2)	218.6	ND (1.0)				
	04/22/2021	ND (0.2)	218.6	ND (1.0)	25.0	07/23/2015	24.0	07/20/2016
MW-39D	07/22/2020	ND (0.2)	218.6	ND (1.0)				
	10/22/2020	ND (0.2)	218.6	ND (1.0)				
	10/22/2020	ND (0.2)	218.6	ND (1.0)				
	01/04/2021	ND (0.2)	218.6	ND (1.0)				
	04/22/2021	0.76	218.6	1.3	41.0	10/17/2018	43.0	01/23/2018
MW-41S	07/08/2020	7.5	218.6	15				
	10/14/2020	3.6	218.6	4.1				
	01/21/2021	9.1	218.6	9.6				
	04/14/2021	8.4	218.6	8.3	12.6	10/04/2012	15.0	07/08/2020
MW-42B1	10/14/2020	6.0	218.6	6.5				
	04/08/2021	4.6	218.6	4.7	45.6	08/14/2006	42.8	04/19/2006
MW-42B2	10/14/2020	4.1	218.6	4.6				
	04/08/2021	4.9	218.6	5.1	54.6	01/13/2012	54.4	01/24/2013
MW-42C	10/14/2020	2.7	218.6	3.1				
	04/08/2021	2.2	218.6	2.7	15.4	08/08/2011	16.0	05/06/2011
MW-43	10/13/2020	2.3	218.6	2.7				
	04/08/2021	2.2	218.6	2.5	28.4	06/18/2007	29.1	04/12/2007
MW-44B	10/21/2020	1.3	218.6	1.8				
	04/15/2021	1.3	218.6	2.1	41.2	02/08/2005	45.6	04/14/2005
MW-45A	10/14/2020	0.63	218.6	1.1				
	04/07/2021	0.51	218.6	1.5	59.9	02/13/2008	55.2	08/10/2009
MW-45B	10/14/2020	1.2	218.6	2.0				
	04/07/2021	1.2	218.6	1.8	4.8	04/07/2008	5.8	02/13/2008
MW-47	10/14/2020	1.3	218.6	2.1				
	04/07/2021	1.3	218.6	1.9	18.1	08/18/2005	18.2	08/18/2005

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-49A	10/15/2020	4.7	218.6	6.9				
	04/08/2021	5.1	218.6	5.2	5.1	04/08/2021	12.2	09/01/2004
MW-49B	10/15/2020	2.1	218.6	2.5				
	04/08/2021	2.1	218.6	2.7	2.9	12/07/2006	10.1	02/08/2005
MW-49S	10/15/2020	4.3	218.6	5.0				
	04/08/2021	4.4	218.6	4.4	5.2	02/01/2017	5.6	02/01/2017
MW-50B	07/08/2020	4.7	218.6	5.7				
	10/14/2020	7.1	218.6	7.9				
	04/14/2021	4.0	218.6	6.1				
	06/03/2021	5.2	218.6	5.4	8.2	01/10/2018	8.2	07/10/2019
MW-50S	07/08/2020	12	218.6	14				
	10/14/2020	12	218.6	15				
	01/21/2021	12	218.6	12				
	04/14/2021	12	218.6	12	17.0	04/07/2016	19.0	04/07/2016
MW-55A	07/07/2020	0.96	218.6	1.1				
	10/12/2020	0.66	218.6	ND (1.0)				
	01/22/2021	0.69	218.6	ND (1.0)				
	04/09/2021	1.2	218.6	1.2	1.8	11/03/2016	2.2	04/13/2005
MW-55C	10/12/2020	ND (0.2)	218.6	ND (1.0)				
	04/09/2021	ND (0.2)	218.6	ND (1.0)	0.56	05/13/2010	ND (1.0)	04/09/2021
MW-55S	07/07/2020	1.9	218.6	2.3				
	10/12/2020	1.8	218.6	3.0				
	01/22/2021	1.6	218.6	2.4				
	04/09/2021	1.6	218.6	2.1	3.2	01/13/2011	4.4	05/05/2011
MW-56	10/14/2020	22	218.6	24				
	04/14/2021	18	218.6	17	22.0	10/14/2020	24.0	10/14/2020
MW-57	10/14/2020	1.3	218.6	1.6				
	04/08/2021	1.3	218.6	1.8	3.1	08/08/2011	5.0	02/14/2008
MW-57D	10/14/2020	1.8	218.6	2.0				
	04/08/2021	1.8	218.6	1.9	2.9	10/04/2013	3.4	04/17/2012
MW-58	10/14/2020	0.48	218.6	ND (1.0)				
	04/15/2021	0.48	218.6	ND (1.0)	2.1	01/25/2006	3.6	10/26/2010
	04/15/2021 dup	0.49	218.6	ND (1.0)				
MW-59	10/14/2020	1.1	218.6	3.1				
	12/04/2020	1.2	218.6	1.5	2.2	06/01/2011	3.7	02/14/2008
MW-62A	10/13/2020	2.0	218.6	2.3				
	10/13/2020 dup	2.1	218.6	2.4				
	04/15/2021	1.9	218.6	2.3	20.1	05/05/2011	20.9	05/05/2011
	04/15/2021 dup	1.9	218.6	2.2				

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Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-62C	10/13/2020	ND (0.2)	218.6	ND (1.0)				
	04/14/2021	ND (0.2)	218.6	ND (1.0)	0.10	11/01/2011	ND (1.0)	04/14/2021
MW-63	07/09/2020	0.99	218.6	1.0	1.8	06/10/2008	2.9	08/10/2009
MW-66A	10/14/2020	3.1	218.6	5.7				
	12/04/2020	3.1	218.6	3.2				
	04/07/2021	3.0	218.6	3.3	4.1	07/19/2017	5.7	10/14/2020
MW-67B	07/07/2020	0.49	218.6	ND (1.0)				
	10/05/2020	0.36	218.6	1.2				
	01/11/2021	0.47	218.6	ND (1.0)				
	04/05/2021	0.5	218.6	1.5	0.84	08/05/2010	2.5	11/06/2019
MW-68C	10/12/2020	ND (0.2)	218.6	ND (1.0)				
	04/09/2021	ND (0.2)	218.6	ND (1.0)	0.37	02/15/2010	2.2	11/16/2009
MW-68D	07/08/2020	1.4	218.6	2.5				
	10/12/2020	1.3	218.6	2.3				
	01/14/2021	1.0	218.6	1.9				
	04/09/2021	1.3	218.6	1.8	12.0	10/10/2014	12.0	04/11/2014
MW-68S	07/08/2020	1.2	218.6	3.2				
	09/02/2020	1.3	218.6	2.8				
	10/12/2020	1.5	218.6	3.2				
	12/03/2020	1.2	218.6	2.4				
	01/14/2021	1.4	218.6	1.9				
	04/09/2021	1.6	218.6	2.6	2.3	04/04/2019	6.0	01/08/2016
MW-69D	10/12/2020	1.5	218.6	2.1				
	04/14/2021	1.5	218.6	1.9	1.8	05/13/2010	2.8	10/16/2019
MW-69S	10/12/2020	0.28	218.6	1.8				
	10/12/2020	dup 0.3	218.6	1.8				
	11/04/2020	0.63	218.6	7.9				
	04/14/2021	0.76	218.6	1.4	2.2	10/14/2015	16.0	07/11/2016
	04/14/2021	dup 0.72	218.6	1.4				
MW-70D	07/09/2020	0.86	218.6	1.4				
	10/12/2020	1.3	218.6	1.7				
	01/14/2021	1.0	218.6	1.2				
	04/09/2021	1.3	218.6	1.7	4.6	01/25/2011	4.8	10/28/2010
MW-70S	07/09/2020	0.33	218.6	1.7				
	07/09/2020	dup 0.26	218.6	1.8				
	10/12/2020	0.51	218.6	1.7				
	01/14/2021	0.49	218.6	1.5				
	04/09/2021	0.74	218.6	2.0	2.4	08/03/2010	3.6	01/20/2015

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-71D	07/09/2020	0.082	218.6LL	ND (1.0)				
	10/12/2020	0.4	218.6	ND (1.0)				
	01/14/2021	0.35	218.6	ND (1.0)				
	04/09/2021	0.16	218.6LL	ND (1.0)	3.7	01/25/2011	3.4	01/25/2011
MW-71S	07/09/2020	0.76	218.6	2.1				
	10/12/2020	0.73	218.6	1.2				
	01/14/2021	0.79	218.6	2.1				
	04/09/2021	0.78	218.6	2.9	4.8	01/24/2013	5.6	01/24/2013
MW-72S	10/12/2020	5.3	218.6	6.0				
	10/12/2020	dup 5.3	218.6	6.1				
	04/14/2021	6.1	218.6	6.0	7.2	10/28/2010	6.7	06/01/2011
	04/14/2021	dup 6.0	218.6	6.1				
MW-73D	07/15/2020	0.99	218.6	1.5				
	07/15/2020	dup 1.0	218.6	1.6				
	10/21/2020	1.1	218.6	1.5				
	01/05/2021	1.1	218.6	1.1				
	04/16/2021	1.1	218.6	1.8	1.1	04/16/2021	3.2	04/16/2020
MW-74D	07/15/2020	3.4	218.6	4.2				
	10/21/2020	3.8	218.6	4.4				
	01/05/2021	3.0	218.6	3.4				
	04/16/2021	4.5	218.6	4.5				
	06/04/2021	4.2	218.6	4.7	21.0	07/20/2015	19.0	07/20/2015
MW-74D2	07/15/2020	ND (0.2)	218.6	ND (1.0)				
	10/21/2020	ND (0.2)	218.6	ND (1.0)				
	01/05/2021	ND (0.2)	218.6	ND (1.0)				
	04/16/2021	ND (0.2)	218.6	ND (1.0)	0.63	04/11/2019	1.5	11/07/2019
MW-75D	07/15/2020	0.72	218.6	ND (1.0)				
	10/21/2020	0.75	218.6	1.2				
	02/03/2021	0.93	218.6	1.0				
	05/06/2021	0.45	218.6	ND (1.0)	1.9	08/05/2010	3.5 J	01/30/2012
MW-76S	10/15/2020	1.0	218.6	1.3				
	04/07/2021	1.1	218.6	1.2	7.8	08/05/2010	7.0	10/25/2019
MW-77S	11/06/2020	0.81	218.6	1.0	1.0	10/27/2010	1.3	01/13/2015
MW-78D	07/15/2020	1.6	218.6	2.1				
	01/13/2021	1.5	218.6	1.7	3.0	07/24/2017	2.9	07/24/2017
MW-78S	07/15/2020	3.0	218.6	3.6				
	09/01/2020	9.0	218.6	9.7				
	10/21/2020	9.9	218.6	11				
	01/13/2021	8.5	218.6	9.0				
	04/21/2021	8.3	218.6	8.0	9.9	10/21/2020	11.0	10/21/2020

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Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-79S	10/13/2020	7.5	218.6	9.1				
	01/21/2021	4.5	218.6	6.2				
	03/01/2021	7.6	218.6	8.8				
	04/15/2021	8.4	218.6	8.2	8.4	04/15/2021	9.1	10/13/2020
MW-80S	07/09/2020	3.1	218.6	3.7				
	09/02/2020	3.3	218.6	3.8				
	10/13/2020	3.5	218.6	4.2				
	01/21/2021	1.1	218.6	2.1				
	04/15/2021	2.3	218.6	2.4	9.8	10/10/2017	9.2	10/10/2017
MW-83D	07/09/2020	2.0	218.6	3.1				
	10/12/2020	2.7	218.6	3.4				
	01/22/2021	2.1	218.6	5.2				
	04/14/2021	2.5	218.6	2.9	2.7	10/12/2020	5.2	01/22/2021
MW-83S	07/09/2020	5.0	218.6	6.4				
	10/12/2020	6.0	218.6	10				
	01/22/2021	6.6	218.6	7.9				
	04/14/2021	7.0	218.6	7.2				
	06/03/2021	4.9	218.6	5.7	7.0	04/14/2021	10.0	10/12/2020
MW-84D	07/09/2020	0.12	218.6LL	ND (1.0)				
	10/12/2020	0.15	218.6LL	ND (1.0)				
	01/14/2021	0.11	218.6LL	ND (1.0)				
	04/09/2021	0.19	218.6LL	ND (1.0)	0.40	10/09/2014	ND (1.0)	04/09/2021
MW-84S	07/09/2020	1.7	218.6	2.3				
	10/12/2020	1.8	218.6	2.2				
	01/14/2021	1.7	218.6	2.0				
	04/09/2021	1.8	218.6	2.4	2.3	02/03/2012	3.8	04/24/2012
MW-85D	07/09/2020	ND (0.06)	218.6LL	ND (1.0)				
	10/12/2020	ND (0.06)	218.6LL	ND (1.0)				
	01/22/2021	ND (0.06)	218.6LL	ND (1.0)				
	04/09/2021	ND (0.06)	218.6LL	ND (1.0)	0.76	01/25/2011	1.2	01/07/2020
MW-85S	07/09/2020	1.3	218.6	1.8				
	10/12/2020	1.4	218.6	2.6				
	01/22/2021	1.2	218.6	2.0				
	04/09/2021	1.4	218.6	2.0	1.8	10/14/2015	2.6	10/12/2020
MW-86D	10/13/2020	2.2	218.6	2.6				
	04/15/2021	2.2	218.6	2.2	2.2	04/15/2021	4.4	05/04/2011
MW-86S	10/13/2020	4.6	218.6	5.0				
	04/15/2021	4.8	218.6	4.5	7.4	08/02/2010	7.5	08/02/2010

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-87D	10/13/2020	2.3	218.6	3.2				
	12/03/2020	0.62	218.6	1.8				
	04/15/2021	2.9	218.6	2.8	3.6	07/07/2015	4.0	07/31/2013
MW-87S	10/13/2020	2.4	218.6	2.7				
	04/15/2021	3.1	218.6	3.0	3.8	06/22/2010	4.3	04/12/2017
MW-88D	10/13/2020	1.6	218.6	2.3				
	04/15/2021	1.0	218.6	1.3	1.7	10/22/2019	3.2	10/22/2019
MW-88S	10/13/2020	3.7	218.6	4.4				
	04/15/2021	2.0	218.6	2.1	6.1	04/05/2019	7.1	01/08/2016
MW-89D	07/09/2020	0.62	218.6	ND (1.0)				
	10/12/2020	0.6	218.6	ND (1.0)				
	01/22/2021	0.63	218.6	1.0				
	04/12/2021	0.74	218.6	ND (1.0)	0.99	01/27/2011	1.6	05/05/2011
MW-89S	07/09/2020	2.0	218.6	2.5				
	10/12/2020	2.0	218.6	2.6				
	01/22/2021	1.8	218.6	2.5				
	04/12/2021	1.7	218.6	2.6	4.7	07/10/2012	4.9	04/10/2012
MW-90C	10/20/2020	ND (0.2)	218.6	ND (1.0)				
	04/07/2021	2.3	218.6	4.0				
	06/03/2021	ND (0.2)	218.6	ND (1.0)	2.3	04/07/2021	4.0	04/07/2021
MW-91C	10/15/2020	ND (0.2)	218.6	ND (1.0)				
	04/13/2021	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/13/2021	ND (1.0)	04/13/2021
MW-92C	07/09/2020	21	218.6	23				
	10/15/2020	24	218.6	26				
	01/20/2021	23	218.6	24				
	04/13/2021	25	218.6	25	41.8	08/09/2011	41.2	02/03/2012
MW-93C	10/15/2020	ND (0.2)	218.6	ND (1.0)				
	04/07/2021	ND (0.2)	218.6	ND (1.0)	0.37	07/20/2015	ND (1.0)	04/07/2021
MW-94D	10/09/2020	3.4	218.6	4.1	4.7	04/04/2018	6.1	04/04/2018
MW-94S	07/10/2020	6.0	218.6	6.9				
	10/09/2020	5.3	218.6	6.2				
	01/21/2021	5.8	218.6	5.9				
	04/14/2021	6.1	218.6	6.3	7.3	01/13/2015	7.8	05/05/2011
MW-95S	10/21/2020	7.3	218.6	8.2				
	04/12/2021	7.1	218.6	7.0	8.8	04/13/2015	11.5	10/08/2012
MW-96S	10/13/2020	2.4	218.6	2.6				
	04/12/2021	2.9	218.6	2.9	3.1	04/15/2014	3.9	01/05/2016

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-97S	10/09/2020	6.5	218.6	7.5				
	04/14/2021	8.8	218.6	8.4	8.8	04/14/2021	22.7	05/05/2011
MW-98C	10/14/2020	ND (0.2)	218.6	ND (1.0)				
	04/07/2021	ND (0.2)	218.6	ND (1.0)	0.34	10/21/2015	ND (1.0)	04/07/2021
MW-99C	10/14/2020	ND (0.2)	218.6	ND (1.0)				
	04/13/2021	ND (0.2)	218.6	ND (1.0)	0.56	07/20/2015	1.2	06/07/2011
MW-100C	07/10/2020	18	218.6	19				
	10/14/2020	18	218.6	20				
	01/20/2021	18	218.6	18				
	04/15/2021	18	218.6	18	19.0	01/19/2015	21.0	07/25/2014
MW-101D	07/10/2020	4.0	218.6	5.5				
	07/10/2020	dup 3.9	218.6	5.1				
	09/03/2020	5.9	218.6	6.9				
	10/14/2020	5.3	218.6	6.1				
	04/15/2021	3.8	218.6	4.8	16.4	06/16/2011	18.2	06/16/2011
MW-102D	10/19/2020	2.5	218.6	3.3				
	12/03/2020	2.4	218.6	3.2				
	04/12/2021	2.6	218.6	2.9	2.8	07/23/2014	3.3	10/19/2020
MW-102S	04/12/2021	1.8	218.6	3.1	2.2	03/05/2018	4.7	01/22/2018
MW-103D	04/12/2021	1.1	218.6	1.9	1.8	07/14/2014	3.0	07/15/2013
MW-104D	10/08/2020	ND (0.2)	218.6	1.6	0.59	08/03/2011	3.6	10/05/2017
MW-104S1	10/08/2020	3.0	218.6	3.7				
	04/07/2021	3.1	218.6	3.4	4.8	08/11/2011	4.5	10/25/2011
MW-104S2	10/08/2020	2.9	218.6	3.3	3.3	10/08/2014	3.9	08/03/2011
MW-105D	07/06/2020	ND (0.06)	218.6LL	ND (1.0)				
	10/06/2020	ND (0.06)	218.6LL	ND (1.0)				
	10/06/2020	dup ND (0.06)	218.6LL	ND (1.0)				
	02/03/2021	ND (0.06)	218.6LL	ND (1.0)				
	04/05/2021	ND (0.06)	218.6LL	ND (1.0)	0.35	07/11/2016	ND (1.0)	04/05/2021
MW-105S	07/06/2020	2.7	218.6	3.8				
	08/31/2020	2.9	218.6	4.2				
	10/06/2020	3.0	218.6	3.3				
	02/03/2021	2.7	218.6	3.3				
	04/05/2021	2.5	218.6	4.0				
	04/05/2021	dup 2.5	218.6	3.9				
	06/03/2021	2.7	218.6	3.4	3.1	04/06/2020	4.2	08/31/2020
MW-106D	10/08/2020	ND (0.2)	218.6	ND (1.0)	0.65	08/03/2011	1.2	01/04/2016
	10/08/2020	dup ND (0.2)	218.6	ND (1.0)				

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-106S	10/08/2020	3.1	218.6	3.7				
	10/08/2020	dup 3.0	218.6	3.7				
	04/07/2021	3.0	218.6	3.3	3.2	02/07/2018	3.7	10/08/2020
	04/07/2021	dup 3.1	218.6	3.3				
MW-107D	10/06/2020	ND (0.2)	218.6	ND (1.0)	1.9	01/19/2015	2.2	10/09/2017
MW-107S	10/06/2020	1.9	218.6	3.6				
	12/03/2020	1.5	218.6	2.2				
	04/14/2021	2.6	218.6	2.8	2.6	04/14/2021	8.0	10/01/2018
MW-108D	07/10/2020	3.4	218.6	4.4				
	09/03/2020	6.9	218.6	7.2				
	10/15/2020	7.3	218.6	8.1				
	01/20/2021	1.8	218.6	2.5				
	04/13/2021	2.2	218.6	2.9	46.3	07/11/2013	49.2	07/11/2013
MW-109	07/10/2020	3.7	218.6	4.3				
	10/15/2020	2.8	218.6	3.1				
	04/13/2021	3.1	218.6	3.0	26.0	01/15/2015	27.0	10/24/2019
MW-110D	04/13/2021	1.4	218.6	1.9	1.8	10/25/2011	2.9	10/18/2016
	04/13/2021	dup 1.4	218.6	2.0				
MW-110S	10/13/2020	3.1	218.6	3.3				
	12/03/2020	4.0	218.6	9.4				
	04/13/2021	3.0	218.6	3.4				
	06/03/2021	3.0	218.6	3.2	7.6	07/11/2011	9.4	12/03/2020
MW-111D	10/08/2020	ND (0.2)	218.6	ND (1.0)	0.67	09/13/2011	4.7	07/05/2011
MW-111S1	10/08/2020	2.3	218.6	3.4				
	10/08/2020	dup 2.3	218.6	3.5				
	12/01/2020	2.4	218.6	3.1				
	04/05/2021	2.5	218.6	3.2	3.6	09/14/2011	4.4	11/15/2011
MW-111S2	10/08/2020	2.4	218.6	3.3				
	10/08/2020	dup 2.2	218.6	3.5				
	12/01/2020	2.2	218.6	2.3	3.7	08/12/2011	3.5	10/08/2020
MW-112S	10/13/2020	3.1	218.6	3.8				
	12/03/2020	3.2	218.6	3.4				
	04/12/2021	3.3	218.6	3.4	3.4	10/25/2011	4.2	10/11/2019
MW-113D	10/07/2020	ND (0.2)	218.6	ND (1.0)	0.94	10/25/2011	ND (1.0)	10/07/2020
MW-113S1	10/07/2020	2.9	218.6	3.9				
	12/03/2020	2.7	218.6	3.1				
	04/05/2021	2.2	218.6	2.6	3.2	01/12/2015	4.6	02/01/2012
MW-113S2	10/07/2020	2.5	218.6	3.3				
	12/03/2020	2.4	218.6	2.7	4.0	09/15/2011	4.2	10/25/2011

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-115D	04/14/2021	3.7	218.6	3.7	4.6	10/26/2011	4.6	01/11/2018
MW-115S	04/14/2021	1.5	218.6	1.7	4.8	08/11/2011	4.5	10/26/2011
MW-116D1	10/13/2020	1.9	218.6	2.5				
	04/12/2021	2.0	218.6	2.2	2.0	04/12/2021	3.4	01/12/2016
MW-117D	10/19/2020	ND (0.2)	218.6	ND (1.0)	1.3	10/26/2011	7.2	07/09/2015
MW-117S1	07/17/2020	ND (3.4)	218.6	3.7				
	08/31/2020	2.9	218.6	4.8				
	10/19/2020	2.3	218.6	2.5				
	01/20/2021	2.0	218.6	2.3				
	04/08/2021	1.1	218.6	1.8	3.6	12/04/2019	5.0	04/06/2016
MW-117S2	10/19/2020	1.5	218.6	2.7				
	12/03/2020	1.6	218.6	1.8	57.5	08/01/2011	52.2	08/01/2011
MW-118S	07/17/2020	ND (3.0)	218.6	3.3				
	09/03/2020	2.7	218.6	3.1				
	10/14/2020	2.4	218.6	3.5				
	12/03/2020	2.3	218.6	2.4				
	01/21/2021	2.3	218.6	2.5				
	04/08/2021	2.3	218.6	2.7	2.8	10/11/2017	3.8	01/05/2017
MW-121D	10/14/2020	3.6	218.6	4.3				
	04/06/2021	2.5	218.6	5.8				
	06/01/2021	3.9	218.6	4.2	4.0	06/05/2019	5.8	04/06/2021
MW-121S	10/14/2020	2.6	218.6	2.5				
	04/06/2021	2.9	218.6	2.9	11.1	08/17/2011	11.7	08/17/2011
MW-122D	10/14/2020	ND (0.2)	218.6	ND (1.0)				
	04/15/2021	ND (0.2)	218.6	ND (1.0)	0.24	10/27/2011	1.6	04/14/2020
MW-123S1	10/08/2020	1.5	218.6	3.3				
	10/08/2020 dup	1.6	218.6	3.6				
	12/01/2020	1.5	218.6	1.8	2.3	11/17/2011	4.2	10/04/2017
MW-123S2	10/08/2020	1.9	218.6	2.5				
	10/08/2020 dup	2.0	218.6	2.4				
	04/05/2021	2.0	218.6	2.2				
	04/05/2021 dup	2.0	218.6	4.5				
	06/02/2021	2.0	218.6	2.6	2.0	06/02/2021	6.5	04/06/2020
MW-124D	10/08/2020	1.0	218.6	1.3				
	04/07/2021	1.0	218.6	1.6	2.4	01/14/2015	2.2	01/14/2015

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Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-124S1	10/08/2020	2.7	218.6	3.2				
	10/08/2020 dup	2.6	218.6	3.2				
	04/07/2021	2.1	218.6	3.3				
	04/07/2021 dup	2.2	218.6	2.9				
	06/02/2021	2.3	218.6	2.6	2.8	10/03/2018	3.5	04/01/2019
MW-124S2	10/08/2020	1.7	218.6	2.1				
	04/07/2021	1.7	218.6	2.5	2.8	11/17/2011	3.2	10/27/2011
MW-125S1	10/09/2020	2.1	218.6	2.4				
	10/09/2020 dup	2.1	218.6	2.5				
	04/07/2021	2.0	218.6	2.5	2.4	01/14/2015	2.8	04/06/2020
	04/07/2021 dup	2.0	218.6	2.5				
MW-125S2	10/09/2020	1.7	218.6	1.9	1.7	10/09/2020	2.4	10/06/2017
	10/09/2020 dup	1.7	218.6	2.0				
MW-126S1	10/09/2020	2.4	218.6	2.8				
	10/09/2020 dup	2.4	218.6	3.1				
	04/08/2021	2.5	218.6	3.0	4.8	08/01/2011	4.6	08/01/2011
	04/08/2021 dup	2.5	218.6	3.2				
MW-126S2	10/09/2020	1.5	218.6	2.0				
	04/08/2021	1.5	218.6	2.7				
	04/08/2021 dup	1.5	218.6	2.7				
	06/02/2021	1.6	218.6	2.3	2.6	10/01/2018	4.4	11/29/2018
MW-127S1	07/06/2020	3.3	218.6	4.5				
	09/02/2020	3.6	218.6	4.6				
	10/09/2020	3.4	218.6	4.2				
	10/09/2020 dup	3.4	218.6	4.6				
	01/22/2021	3.3	218.6	3.7				
	04/08/2021	3.3	218.6	4.8	9.2	08/01/2011	10.0	08/01/2011
MW-127S2	07/06/2020	1.5	218.6	2.6				
	09/02/2020	1.6	218.6	2.2				
	10/09/2020	1.6	218.6	2.1				
	01/22/2021	1.5	218.6	1.7				
	04/08/2021	1.6	218.6	2.6	1.7	04/06/2020	4.3	01/06/2020
MW-128S1	07/09/2020	6.0	218.6	7.6				
	10/06/2020	10	218.6	12				
	12/03/2020	10	218.6	10				
	01/19/2021	10	218.6	10				
	03/01/2021	10	218.6	11				
	04/05/2021	8.2	218.6	9.0	20.1	07/27/2011	17.8	07/27/2011

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Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-128S2	07/09/2020	2.8	218.6	4.9				
	08/31/2020	3.3	218.6	4.0				
	10/06/2020	3.2	218.6	3.8				
	01/19/2021	2.9	218.6	3.2				
	04/05/2021	2.3	218.6	3.4				
	06/03/2021	3.0	218.6	4.2	4.2	08/11/2011	4.9	07/09/2020
MW-128S3	07/09/2020	1.5	218.6	2.3				
	10/06/2020	1.7	218.6	1.9				
	01/19/2021	1.6	218.6	1.6				
	04/05/2021	1.5	218.6	2.0	2.1	10/27/2011	2.3	07/09/2020
MW-130S1	10/06/2020	3.2	218.6	10				
	12/01/2020	3.5	218.6	3.7	6.2	03/15/2012	10.0	10/06/2020
MW-130S2	10/06/2020	3.8	218.6	5.4				
	12/01/2020	3.7	218.6	4.4				
	04/06/2021	3.9	218.6	4.4	3.9	04/06/2021	5.4	10/06/2020
MW-131S1	10/06/2020	2.6	218.6	4.2				
	12/01/2020	2.4	218.6	3.4				
	04/06/2021	2.5	218.6	4.9				
	06/02/2021	2.6	218.6	3.8	2.9	04/10/2013	8.1	10/08/2019
MW-133S1	08/03/2020	8.5	218.6	8.4				
	10/20/2020	8.0	218.6	8.4				
	04/19/2021	8.2	218.6	6.7	9.8	07/11/2014	9.9	07/11/2014
MW-136S1	10/05/2020	4.0	218.6	4.5				
	04/05/2021	3.7	218.6	4.0	4.0	10/05/2020	5.6	04/08/2020
MW-136S2	10/05/2020	ND (0.2)	218.6	ND (1.0)	0.08	10/13/2015	ND (1.0)	10/05/2020
MW-137S1	10/05/2020	4.6	218.6	5.6	6.1	11/21/2011	8.2	12/09/2011
MW-137S2	10/05/2020	4.5	218.6	5.2	4.8	04/03/2019	6.0	10/18/2017
MW-137S3	10/05/2020	12	218.6	13				
	01/21/2021	18	218.6	19				
	04/08/2021	7.2	218.6	7.3	18.0	01/21/2021	19.0	01/21/2021
MW-138S1	10/05/2020	4.8	218.6	5.2				
	04/12/2021	4.9	218.6	4.9	6.4	03/15/2012	7.3	02/23/2012
MW-138S2	10/05/2020	4.6	218.6	4.9	6.7	04/17/2014	6.8	10/05/2017
MW-139S1	10/08/2020	3.5	218.6	4.0				
	04/07/2021	3.7	218.6	4.2	12.6	04/26/2012	13.2	04/26/2012
MW-139S2	10/08/2020	1.7	218.6	3.5				
	12/01/2020	2.1	218.6	2.3	2.2	10/07/2014	3.5	10/08/2020

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-140S1	10/08/2020	4.8	218.6	5.9				
	04/07/2021	5.1	218.6	5.2	5.1	04/07/2021	6.2	04/08/2016
MW-140S2	10/08/2020	3.9	218.6	4.6	4.2	01/14/2015	4.6	10/08/2020
MW-140S3	10/08/2020	3.6	218.6	4.2	3.6	10/08/2020	4.2	10/08/2020
MW-141D	10/08/2020	ND (0.2)	218.6	ND (1.0)	1.3	10/12/2015	ND (1.0)	10/08/2020
MW-141S1	10/08/2020	3.9	218.6	4.4	3.9	10/08/2020	7.2	10/04/2017
MW-141S2	10/08/2020	3.9	218.6	4.6				
	04/07/2021	4.1	218.6	4.5	4.2	01/05/2016	5.0	04/08/2016
MW-142S1	10/07/2020	1.3	218.6	1.8	9.0	04/24/2012	9.8	04/24/2012
MW-142S2	10/07/2020	3.2	218.6	3.9				
	04/07/2021	2.9	218.6	3.3	3.3	04/04/2018	3.9	10/07/2020
MW-142S3	10/07/2020	2.8	218.6	3.4	3.5	07/30/2012	4.0	07/30/2012
MW-143D2	04/12/2021	1.7	218.6	2.1	2.2	01/26/2012	2.6	01/26/2012
MW-146D1	04/14/2021	1.7	218.6	1.9	1.9	12/13/2011	2.6	10/12/2012
MW-147D	10/14/2020	1.9	218.6	2.7				
	04/12/2021	1.9	218.6	2.1	2.1	10/19/2015	23.0	04/14/2020
MW-147S	10/14/2020	2.1	218.6	5.0				
	12/04/2020	2.2	218.6	2.4				
	04/12/2021	2.2	218.6	2.7	4.1	04/04/2013	5.0	10/14/2020
MW-148S	10/19/2020	1.8	218.6	2.0				
	04/13/2021	1.9	218.6	2.3	2.3	10/09/2013	3.3	04/11/2018
MW-153S	10/14/2020	2.5	218.6	3.0				
	04/06/2021	2.6	218.6	3.4				
	06/01/2021	3.2	218.6	4.2	7.6	10/17/2013	7.7	10/17/2013
MW-154S1	10/20/2020	6.5	218.6	6.6				
	04/19/2021	6.1	218.6	6.1	22.0	11/09/2012	21.0	11/09/2012
MW-154S2	10/06/2020	1.8	218.6	2.5	2.4	01/26/2012	3.0	01/14/2014
MW-155D	07/14/2020	ND (0.2)	218.6	ND (1.0)				
	10/20/2020	ND (0.2)	218.6	ND (1.0)				
	01/05/2021	ND (0.2)	218.6	ND (1.0)				
	04/16/2021	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/16/2021	3.1	04/18/2018
MW-155S	07/14/2020	1.2	218.6	4.7				
	09/01/2020	1.3	218.6	2.2				
	10/20/2020	1.3	218.6	2.0				
	01/05/2021	1.1	218.6	1.2				
	04/16/2021	1.3	218.6	1.9	1.3	04/16/2021	4.7	07/14/2020

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-156S	10/05/2020	1.1	218.6	2.7				
	11/03/2020	1.1	218.6	1.7				
	04/05/2021	0.86	218.6	1.4	1.8	06/05/2012	2.7	10/05/2020
MW-157S	10/05/2020	1.6	218.6	5.3				
	11/03/2020	2.0	218.6	2.3				
	04/05/2021	2.2	218.6	3.2				
	06/01/2021	2.1	218.6	3.1	2.5	06/05/2012	5.3	10/05/2020
MW-158CR	10/20/2020	ND (0.2)	218.6	ND (1.0)	0.08	07/16/2015	ND (1.0)	10/20/2020
MW-161S1	10/06/2020	3.3	218.6	4.5				
	12/01/2020	3.2	218.6	3.7	3.5	10/16/2015	4.5	10/06/2020
MW-161S2	10/06/2020	3.3	218.6	4.5				
	12/01/2020	3.3	218.6	4.3				
	04/06/2021	2.8	218.6	3.3	3.4	10/18/2018	4.6	04/02/2019
MW-161S3	10/06/2020	0.62	218.6	ND (1.0)	1.7	10/22/2012	2.1	07/17/2014
MW-162S1	10/06/2020	3.8	218.6	4.9				
	12/01/2020	3.7	218.6	4.3				
	04/06/2021	3.3	218.6	4.2	5.2	10/22/2012	11.0	04/03/2018
MW-162S2	10/06/2020	ND (0.2)	218.6	1.3				
	12/01/2020	ND (0.2)	218.6	ND (1.0)	2.0	10/22/2012	2.6	04/04/2016
MW-162S3	10/06/2020	ND (0.2)	218.6	1.9				
	12/01/2020	ND (0.2)	218.6	1.1	0.77	04/04/2013	2.0	10/10/2013
MW-164D	10/14/2020	ND (0.2)	218.6	ND (1.0)				
	04/06/2021	ND (0.2)	218.6	ND (1.0)	2.1	12/05/2012	3.0	12/05/2012
MW-164S	10/14/2020	1.6	218.6	1.9				
	04/06/2021	1.6	218.6	2.0	2.5	07/15/2015	8.0	07/20/2016
MW-166S1	10/20/2020	0.21	218.6	ND (1.0)				
	04/07/2021	0.3	218.6	ND (1.0)	0.46	10/08/2019	12.0	01/05/2016
MW-166S2	10/20/2020	ND (0.2)	218.6	ND (1.0)	0.21	07/11/2013	20.0	10/02/2017
MW-168D	10/20/2020	0.71	218.6	1.8				
	12/04/2020	0.69	218.6	ND (1.0)	1.2	12/05/2012	4.2	10/17/2019
MW-168S	10/20/2020	1.6	218.6	1.8				
	04/13/2021	1.6	218.6	1.8	1.6	04/13/2021	2.0	10/17/2019
MW-169D	10/14/2020	ND (0.2)	218.6	ND (1.0)	0.28	07/11/2013	ND (1.0)	10/14/2020
MW-169S2	10/14/2020	1.4	218.6	1.6				
	04/13/2021	1.4	218.6	1.9	3.6	02/21/2013	5.2	04/09/2019

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Three Quarters
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-170S	07/06/2020	1.3	218.6	2.6				
	10/13/2020	1.6	218.6	2.5				
	10/13/2020	dup 1.6	218.6	2.7				
	01/21/2021	1.7	218.6	2.6				
	04/14/2021	1.5	218.6	2.7	2.3	12/06/2012	4.1	01/06/2020
MW-171D1	10/09/2020	ND (0.2)	218.6	ND (1.0)	0.52	03/19/2013	5.0	12/05/2019
MW-171D2	10/09/2020	ND (0.2)	218.6	1.0	0.09	10/16/2015	2.0	07/16/2013
MW-171S	10/09/2020	2.1	218.6	2.3				
	04/08/2021	2.0	218.6	2.6	2.6	01/15/2015	4.2	10/10/2019
MW-172S1	10/09/2020	2.0	218.6	2.8				
	04/08/2021	2.5	218.6	3.3				
	06/03/2021	2.5	218.6	2.6	3.1	04/05/2017	4.1	03/02/2016
MW-172S2	10/09/2020	ND (0.2)	218.6	1.5				
	12/04/2020	0.32	218.6	ND (1.0)				
	04/08/2021	0.29	218.6	ND (1.0)	0.83	10/08/2014	2.1	10/13/2017
MW-173D	10/20/2020	0.85	218.6	1.1	1.0	03/11/2013	1.4	01/20/2014
MW-173S1	10/07/2020	3.4	218.6	4.0				
	04/06/2021	6.1	218.6	6.1	6.1	04/06/2021	6.1	04/06/2021
MW-173S2	10/07/2020	2.5	218.6	3.1	3.2	10/03/2013	3.3	10/11/2016
MW-174S1	10/06/2020	3.4	218.6	4.1				
	04/06/2021	3.0	218.6	4.1				
	06/02/2021	3.4	218.6	4.1	4.5	04/08/2020	5.5	04/08/2020
MW-174S2	10/06/2020	2.4	218.6	2.8	2.4	10/06/2020	3.7	04/02/2019
MW-174S3	10/06/2020	2.4	218.6	3.0	2.7	06/01/2016	4.1	04/06/2016
MW-175D	10/07/2020	2.5	218.6	3.4				
	12/02/2020	2.6	218.6	3.0	3.2	10/08/2015	4.4	04/07/2017
MW-175S1	10/07/2020	3.1	218.6	4.3				
	12/02/2020	3.2	218.6	3.4				
	04/14/2021	3.4	218.6	3.4	3.8	04/17/2014	4.3	10/07/2020
MW-175S2	10/07/2020	3.1	218.6	5.3				
	12/02/2020	3.1	218.6	3.2	3.3	01/14/2015	5.3	10/07/2020
MW-177D	07/14/2020	1.8	218.6	3.1				
	10/20/2020	1.6	218.6	2.0				
	01/04/2021	1.6	218.6	1.6				
	04/16/2021	1.9	218.6	2.1	1.9	04/16/2021	3.1	07/14/2020

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Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-177S	07/14/2020	0.76	218.6	2.2				
	10/20/2020	0.65	218.6	1.3				
	01/04/2021	0.8	218.6	ND (1.0)				
	04/16/2021	0.85	218.6	1.2	1.8	06/04/2020	3.8	01/17/2018
MW-178D	07/14/2020	48	218.6	78				
	10/20/2020	65	218.6	85				
	01/15/2021	42	218.6	51				
	04/16/2021	16	218.6	21	290	07/15/2014	300	10/14/2016
	04/16/2021 dup	16	218.6	20				
MW-178S	07/14/2020	120	218.6	130				
	07/14/2020 dup	120	218.6	140				
	10/20/2020	82	218.6	86				
	10/20/2020 dup	81	218.6	86				
	01/15/2021	78	218.6	76				
	01/15/2021 dup	78	218.6	80				
	04/16/2021	130	218.6	130	270	10/21/2013	220	01/06/2015
	04/16/2021 dup	130	218.6	130				
MW-179D	07/15/2020	19	218.6	23				
	10/20/2020	22	218.6	24				
	01/05/2021	20	218.6	21				
	04/12/2021	20	218.6	20	32.0	04/12/2019	34.0	04/12/2019
MW-180RD	07/15/2020	3.5	218.6	5.7				
	07/15/2020 dup	3.4	218.6	5.6				
	10/23/2020	8.0	218.6	11				
	01/19/2021	11	218.6	13				
	04/12/2021	7.8	218.6	9.2	290	01/07/2014	210	07/21/2016
MW-180RS	07/15/2020	33	218.6	45				
	10/23/2020	59	218.6	63				
	01/19/2021	11	218.6	12				
	04/12/2021	49	218.6	50	170	01/11/2017	170	01/11/2017
	04/12/2021 dup	49	218.6	51				
MW-181D	07/15/2020	0.88	218.6	1.5				
	01/04/2021	1.1	218.6	ND (1.0)	1.3	10/08/2013	1.5	07/15/2020
MW-181S	07/15/2020	0.59	218.6	1.6				
	01/04/2021	0.75	218.6	ND (1.0)	0.93	08/02/2013	1.6	07/15/2020
MW-182D	08/03/2020	1.9	218.6	3.0				
	08/03/2020 dup	1.9	218.6	2.9				
	11/03/2020	2.2	218.6	2.7				
	02/01/2021	2.1	218.6	2.6				
	02/01/2021 dup	2.1	218.6	2.4				
	05/03/2021	2.4	218.6	3.0	42.0	04/09/2014	9.2	07/21/2016

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-182S	08/03/2020	4.1	218.6	4.3	41.0	07/02/2013	7.8	01/10/2017
MW-183D	08/03/2020	4.8	218.6	5.2				
	11/02/2020	2.6	218.6	3.0				
	02/01/2021	5.0	218.6	5.3				
	03/01/2021	4.3	218.6	5.1				
	05/03/2021	3.1	218.6	3.8	37.0	04/12/2017	40.0	01/10/2017
	05/03/2021 dup	3.2	218.6	3.7				
MW-183S	08/03/2020	3.2	218.6	3.1	42.0	01/10/2017	44.0	01/10/2017
MW-184S1	10/06/2020	2.1	218.6	4.5				
	12/02/2020	2.3	218.6	2.6	5.2	01/14/2014	6.4	01/14/2014
MW-184S2	07/13/2020	3.5	218.6	7.1				
	08/31/2020	3.7	218.6	6.2				
	10/05/2020	3.6	218.6	4.8				
	12/02/2020	3.5	218.6	5.5				
	01/19/2021	3.3	218.6	6.4				
	03/01/2021	3.3	218.6	4.4				
	04/06/2021	3.7	218.6	4.8				
	06/02/2021	3.5	218.6	5.1	4.2	04/02/2019	7.1	07/13/2020
MW-184S3	10/05/2020	4.6	218.6	5.7	4.9	07/11/2017	6.7	10/11/2018
MW-185S1	10/05/2020	4.1	218.6	6.4				
	12/02/2020	3.8	218.6	5.1	8.4	07/17/2014	9.2	07/17/2014
MW-185S2	10/05/2020	3.8	218.6	5.6				
	12/02/2020	3.9	218.6	5.4	4.3	07/24/2013	5.6	10/05/2020
MW-185S3	10/05/2020	3.9	218.6	5.5				
	12/02/2020	3.9	218.6	4.7				
	04/06/2021	4.2	218.6	4.4	4.4	07/17/2014	5.5	10/05/2020
MW-186S1	10/07/2020	4.3	218.6	6.0				
	12/02/2020	4.3	218.6	5.0	5.5	04/10/2014	9.0	04/10/2014
MW-186S2	07/13/2020	2.9	218.6	9.4				
	08/31/2020	3.7	218.6	5.3				
	10/07/2020	3.0	218.6	6.0				
	12/02/2020	3.1	218.6	5.8				
	01/19/2021	3.4	218.6	4.9				
	03/01/2021	3.0	218.6	5.2				
	04/06/2021	3.3	218.6	4.9				
	06/02/2021	2.9	218.6	5.8	3.7	08/31/2020	14.0	12/02/2019
MW-186S3	10/07/2020	4.1	218.6	5.6				
	12/02/2020	4.0	218.6	5.8	4.3	12/02/2019	7.2	04/04/2016

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Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-188S1	10/07/2020	6.6	218.6	7.7				
	04/06/2021	6.7	218.6	7.5	7.3	10/06/2014	11.0	04/02/2015
MW-188S2	10/07/2020	0.59	218.6	2.5				
	12/02/2020	2.0	218.6	7.8	3.3	10/18/2018	7.8	12/02/2020
MW-188S3	10/07/2020	4.4	218.6	5.8				
	12/02/2020	4.4	218.6	5.2	4.7	01/12/2015	8.3	04/04/2016
MW-192D	04/14/2021	2.1	218.6	2.7	5.0	07/14/2014	5.5	04/08/2016
	04/14/2021	dup 2.1	218.6	2.5				
MW-193S1	10/06/2020	4.2	218.6	5.2				
	04/06/2021	4.5	218.6	5.6	4.7	01/12/2015	5.7	07/06/2016
MW-193S2	10/06/2020	3.7	218.6	4.4	42.4	01/22/2014	42.0	01/22/2014
MW-193S3	10/06/2020	0.84	218.6	ND (1.9)				
	12/02/2020	ND (0.2)	218.6	ND (1.0)	275	01/24/2014	270	01/24/2014
MW-194S1	10/07/2020	4.1	218.6	5.3				
	12/02/2020	5.5	218.6	6.2				
	04/06/2021	4.3	218.6	7.8				
	06/02/2021	4.2	218.6	4.8	21.0	09/30/2013	20.7	09/30/2013
MW-194S2	10/07/2020	ND (0.2)	218.6	1.6				
	12/02/2020	ND (0.2)	218.6	1.6	4.9	04/09/2014	6.9	04/09/2014
MW-194S3	10/07/2020	ND (0.2)	218.6	ND (1.0)	2.8	10/15/2013	2.7	10/15/2013
MW-195S1	10/07/2020	4.9	218.6	6.1				
	04/06/2021	4.8	218.6	6.1	6.5	10/15/2013	7.3	10/15/2013
MW-195S2	10/07/2020	3.9	218.6	4.9	4.6	01/12/2015	7.3	01/22/2014
MW-195S3	10/07/2020	0.33	218.6	3.1				
	11/04/2020	ND (0.2)	218.6	11				
	01/19/2021	0.88	218.6	1.8	3.4	03/06/2014	11.0	11/04/2020
MW-196S1	10/05/2020	3.7	218.6	4.5				
	04/06/2021	3.7	218.6	3.8	14.0	03/09/2015	14.0	02/17/2015
MW-196S2	10/05/2020	3.8	218.6	4.9				
	11/04/2020	2.9	218.6	4.3	35.0	12/09/2014	32.0	12/09/2014
MW-196S3	10/05/2020	ND (0.2)	218.6	1.1	54.0	10/07/2014	49.0	10/07/2014
MW-197S1	10/23/2020	1.9	218.6	2.6				
	04/07/2021	2.8	218.6	3.0	2.8	04/07/2021	9.1	10/03/2017
MW-197S2	10/23/2020	ND (0.2)	218.6	ND (1.0)	0.14	10/13/2015	ND (1.0)	10/23/2020
MW-197S3	10/23/2020	ND (0.2)	218.6	2.1				
	12/03/2020	ND (0.2)	218.6	ND (1.0)	1.7	10/11/2013	3.9	10/09/2019

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-199S1	04/13/2021	0.47	218.6	ND (1.0)	3.7	10/13/2015	3.7	10/13/2015
MW-200S1	10/07/2020	0.5	218.6	1.1	4.2	01/20/2014	5.3	04/20/2016
MW-200S2	10/07/2020	ND (0.2)	218.6	ND (1.0)	0.21	04/17/2014	2.8	10/23/2019
MW-200S3	10/07/2020	0.55	218.6	1.6				
	12/02/2020	0.61	218.6	1.1				
	04/14/2021	0.71	218.6	ND (1.0)	1.1	04/15/2020	1.6	10/07/2020
MW-201D	10/14/2020	0.58	218.6	1.2	0.67	10/15/2018	1.3	01/21/2015
MW-201S	10/14/2020	0.97	218.6	1.1				
	04/06/2021	0.96	218.6	1.4	2.9	07/10/2014	2.8	07/10/2014
MW-202S	10/14/2020	1.7	218.6	2.1				
	04/06/2021	1.5	218.6	2.7				
	06/04/2021	1.5	218.6	1.7	2.0	01/21/2015	3.1	04/14/2020
MW-203D	10/14/2020	2.1	218.6	2.5				
	04/06/2021	1.1	218.6	2.1	10.2	10/15/2013	9.3	10/15/2013
MW-205S1	10/05/2020	3.8	218.6	4.2	4.0	10/02/2017	4.6	10/05/2016
MW-205S2	10/05/2020	3.8	218.6	4.6				
	04/06/2021	4.0	218.6	4.4	4.2	06/01/2016	5.6	03/02/2016
MW-205S3	10/05/2020	3.5	218.6	4.2	4.4	07/06/2015	4.9	10/05/2016
MW-206S	07/13/2020	3.3	218.6	4.8				
	09/03/2020	3.7	218.6	5.6				
	10/12/2020	3.2	218.6	5.2				
	10/12/2020 dup	3.2	218.6	4.8				
	01/22/2021	3.7	218.6	5.0				
	04/09/2021	3.9	218.6	6.4	3.9	04/09/2021	7.8	11/28/2017
MW-207S1	10/07/2020	4.9	218.6	6.2	12.0	04/03/2015	12.0	04/03/2015
	10/07/2020 dup	4.9	218.6	6.3				
MW-207S2	07/13/2020	3.8	218.6	4.1				
	10/07/2020	3.9	218.6	4.4				
	01/21/2021	3.9	218.6	4.2				
	04/08/2021	4.1	218.6	4.5	4.1	04/08/2021	4.8	10/09/2019
MW-208S	01/15/2021	460	218.6	480				
	01/15/2021 dup	460	218.6	480				
	04/15/2021	580	218.6	560	3300	07/20/2015	3400	07/20/2015

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-209S	07/13/2020	18	218.6	20				
	07/13/2020 dup	18	218.6	19				
	10/23/2020	17	218.6	17				
	01/15/2021	21	218.6	22				
	01/15/2021 dup	22	218.6	23				
	04/15/2021	38	218.6	36 J	98.0	12/18/2014	86.0	07/20/2015
	04/15/2021 dup	38	218.6	36				
MW-210S	07/13/2020	25	218.6	28				
	10/20/2020	30	218.6	32				
	01/15/2021	40	218.6	43				
	04/15/2021	94	218.6	88	140	10/17/2018	140	10/17/2018
	04/15/2021 dup	95	218.6	89				
MW-211S	07/13/2020	3.5	218.6	4.3				
	07/13/2020 dup	3.5	218.6	4.2				
	10/20/2020	3.5	218.6	4.5				
	01/15/2021	3.8	218.6	4.3				
	01/15/2021 dup	3.2	218.6	4.2				
	04/15/2021	3.9	218.6	4.7	16.0	04/17/2018	15.0	04/17/2018
MW-212S1	10/06/2020	3.1	218.6	3.4				
	04/06/2021	3.2	218.6	3.7	3.8	03/03/2015	5.5	01/05/2016
MW-212S2	10/06/2020	2.2	218.6	4.0				
	11/04/2020	2.6	218.6	4.9	3.2	07/07/2016	11.0	04/06/2016
MW-213D	10/13/2020	ND (0.2)	218.6	ND (1.0)				
	04/06/2021	ND (0.2)	218.6	ND (1.0)	0.79	11/01/2016	1.2	01/12/2017
MW-213S	10/13/2020	3.0	218.6	3.5				
	04/06/2021	3.0	218.6	3.3	5.4	07/25/2017	5.8	10/17/2017
MW-214D	10/13/2020	ND (0.2)	218.6	ND (1.0)				
	04/06/2021	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/06/2021	ND (1.0)	04/06/2021
MW-214S	10/13/2020	2.5	218.6	3.7				
	12/04/2020	2.1	218.6	2.4				
	01/21/2021	3.3	218.6	3.9				
	03/03/2021	3.1	218.6	3.9				
	04/06/2021	2.8	218.6	3.2	3.7	04/10/2020	4.2	10/15/2019
MW-215D	10/20/2020	2.2	218.6	2.6				
	04/06/2021	1.7	218.6	2.3	2.2	10/20/2020	2.7	10/17/2017
MW-215S	10/20/2020	0.37	218.6	ND (1.0)				
	04/06/2021	0.8	218.6	1.1	1.5	11/01/2016	1.9	11/01/2016

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-216D	10/13/2020	2.1	218.6	4.1				
	12/04/2020	1.3	218.6	1.7				
	04/06/2021	2.0	218.6	2.3	2.6	04/05/2019	4.1	10/13/2020
MW-217D	07/13/2020	ND (0.2)	218.6	ND (1.0)				
	10/20/2020	ND (0.2)	218.6	ND (1.0)				
	01/04/2021	ND (0.2)	218.6	ND (1.0)				
	01/04/2021 dup	ND (0.2)	218.6	ND (1.0)				
	04/22/2021	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/22/2021	1.7	07/25/2017
MW-217S	07/13/2020	0.42	218.6	1.7				
	07/13/2020 dup	0.45	218.6	1.6				
	09/01/2020	0.46	218.6	ND (1.0)				
	10/20/2020	ND (0.2)	218.6	ND (1.0)				
	01/04/2021	ND (0.2)	218.6	ND (1.0)				
	04/22/2021	ND (0.2)	218.6	ND (1.0)	9.1	11/01/2017	8.7	11/01/2017
MW-218D	07/08/2020	0.42	218.6	ND (1.0)				
	10/20/2020	0.42	218.6	ND (1.0)				
	01/22/2021	0.41	218.6	ND (1.0)				
	04/16/2021	0.42	218.6	ND (1.0)	0.45	07/16/2019	ND (1.0)	04/16/2021
MW-218S	07/08/2020	0.91	218.6	1.4				
	10/20/2020	0.95	218.6	1.9				
	01/22/2021	1.2	218.6	2.7				
	03/03/2021	1.0	218.6	ND (1.0)				
	04/16/2021	1.2	218.6	1.2	1.4	10/18/2018	2.7	01/22/2021
MW-219S1	07/13/2020	3.2	218.6	4.1				
	10/21/2020	3.4	218.6	4.1				
	04/14/2021	3.8	218.6	3.8	4.2	12/08/2016	4.6	12/08/2016
MW-219S2	10/21/2020	0.46	218.6	1.4	1.4	12/08/2016	1.5	12/08/2016
MW-220D	07/07/2020	ND (0.2)	218.6	ND (1.0)				
	07/07/2020 dup	ND (0.2)	218.6	ND (1.0)				
	10/05/2020	ND (0.2)	218.6	ND (1.0)				
	10/05/2020 dup	ND (0.2)	218.6	ND (1.0)				
	01/11/2021	ND (0.2)	218.6	ND (1.0)				
	04/05/2021	ND (0.2)	218.6	ND (1.0)	0.36	08/08/2017	27.0	04/01/2019
	04/05/2021 dup	ND (0.2)	218.6	ND (1.0)				
MW-220S	07/07/2020	ND (0.2)	218.6	ND (1.0)				
	10/05/2020	ND (0.2)	218.6	ND (1.0)				
	10/05/2020 dup	ND (0.2)	218.6	ND (1.0)				
	01/11/2021	ND (0.2)	218.6	ND (1.0)				
	01/11/2021 dup	ND (0.2)	218.6	ND (1.0)				
	04/05/2021	4.1	218.6	6.1	4.1	04/05/2021	6.1	04/05/2021
	04/05/2021 dup	3.5	218.6	5.4				

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-221S	07/08/2020	5.1	218.6	5.7				
	10/12/2020	5.4	218.6	6.1				
	01/21/2021	5.0	218.6	5.2				
	04/08/2021	5.1	218.6	5.2	5.5	04/24/2020	6.2	10/11/2019
MW-226D	10/08/2020	ND (0.2)	218.6	ND (1.0)	0.47	01/15/2019	1.2	10/14/2019
MW-226S	10/08/2020	2.7	218.6	3.4				
	12/03/2020	2.7	218.6	3.3				
	04/07/2021	2.8	218.6	3.1	2.8	04/07/2021	3.4	10/08/2020
MW-30B2	07/08/2020	ND (0.2)	218.6	ND (1.0)				
	10/14/2020	4.7	218.6	5.1				
	01/19/2021	1.2	218.6	1.2				
	04/14/2021	9.2	218.6	8.4	192	10/11/2004	180	10/11/2004
PMW-02	07/22/2020	1,000	218.6	1,200				
	10/21/2020	950	218.6	1,100				
	01/21/2021	940	218.6	1,100				
	04/21/2021	370	218.6	380	1000	07/22/2020	1200	07/22/2020
PMW-03	07/22/2020	ND (0.2)	218.6	2.8				
	10/21/2020	0.22	218.6	3.7				
	01/21/2021	ND (0.2)	218.6	3.4				
	04/21/2021	ND (0.2)	218.6	3.3	3890	02/17/2003	5800	04/10/1997
PMW-04	07/22/2020	ND (0.2)	218.6	1.8				
	01/21/2021	ND (0.2)	218.6	1.6	1230	05/22/2002	1430	05/22/2002
PMW-05	07/22/2020	1.1	218.6	27				
	10/21/2020	ND (0.2)	218.6	2.8				
	01/21/2021	ND (0.2)	218.6	ND (1.0)				
	04/21/2021	ND (0.2)	218.6	ND (1.0)	3000	03/07/2018	4000	08/24/2005
PT2-MW-10	07/16/2020	0.77	218.6	11				
	11/04/2020	160	218.6	150				
	01/06/2021	570	218.6	600				
	04/21/2021	460	218.6	470	832	01/31/2011	880	11/09/2011
SA-MW-01S	07/14/2020	0.31	218.6	2.9				
	07/14/2020	dup 0.34	218.6	2.7				
	10/16/2020	ND (0.2)	218.6	5.7				
	01/07/2021	0.32	218.6	1.7				
	05/06/2021	ND (0.2)	218.6	1.4	1400	02/08/2012	1400	08/11/2011
SA-MW-04S	07/14/2020	ND (0.2)	218.6	2.4				
	10/16/2020	ND (0.2)	218.6	12				
	01/07/2021	ND (0.2)	218.6	3.7	677	02/04/2010	635	04/14/2009
	01/07/2021	dup ND (0.2)	218.6	3.7				

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SA-MW-05D	07/20/2020	220	218.6	240				
	10/15/2020	200	218.6	200				
	10/15/2020	dup 200	218.6	210				
	01/07/2021	180	218.6	180				
	01/07/2021	dup 180	218.6	180				
	05/06/2021	150	218.6	160	9030	08/12/2010	8210	11/05/2009
	05/06/2021	dup 150	218.6	160				
SA-MW-06S	07/20/2020	160	218.6	170				
	10/15/2020	200	218.6	200				
	01/08/2021	130	218.6	140				
	05/06/2021	150	218.6	160	1930	02/03/2010	1740	11/03/2009
SA-MW-07D	07/20/2020	290	218.6	300				
	10/15/2020	280	218.6	270				
	10/15/2020	dup 270	218.6	270				
	01/08/2021	140	218.6	150				
	05/06/2021	270	218.6	300	1720	06/23/2008	1690	06/23/2008
	05/06/2021	dup 270	218.6	290				
SA-MW-09S	07/21/2020	80	218.6	110				
	10/13/2020	320	218.6	370				
	01/08/2021	210	218.6	220				
	05/06/2021	650	218.6	720	1030	05/28/2008	1000	05/28/2008
	05/06/2021	dup 650	218.6	720				
SA-MW-10D	07/21/2020	1,800	218.6	2,000				
	10/13/2020	2,000	218.6	2,100				
	01/08/2021	220	218.6	240				
	05/06/2021	3,900	218.6	4,300	3900	05/06/2021	4300	05/06/2021
SA-MW-11D	07/21/2020	18	218.6	22				
	01/08/2021	79	218.6	82	160	10/03/2013	137	08/17/2010
SA-MW-11S	07/21/2020	410	218.6	430				
	10/13/2020	300	218.6	310				
	01/08/2021	88	218.6	89				
	04/21/2021	100	218.6	100	1380	10/15/2008	1090	06/08/2009
SA-MW-15D	07/08/2020	41	218.6	49				
	01/08/2021	70	218.6	73	414	10/15/2008	290	02/11/2009
SA-MW-16S	07/09/2020	80	218.6	88				
	10/16/2020	120	218.6	130				
	01/08/2021	190	218.6	200				
	01/08/2021	dup 190	218.6	190				
	04/05/2021	210	218.6	210	407	08/11/2010	390	08/07/2014

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SA-MW-17S	07/08/2020	280	218.6	310				
	10/13/2020	300	218.6	300 J				
	10/13/2020	dup 310	218.6	310				
	01/13/2021	290	218.6	320				
	04/15/2021	310	218.6	310	320	04/20/2020	330	04/18/2019
SA-MW-18D	07/08/2020	0.73	218.6	2.0				
	01/13/2021	0.38	218.6	5.1	210	07/10/2017	220	07/10/2017
SA-MW-20D	07/08/2020	ND (0.2)	218.6	ND (1.0)				
	10/13/2020	ND (0.2)	218.6	4.3				
	01/11/2021	ND (0.2)	218.6	1.6				
	05/06/2021	ND (0.2)	218.6	1.4	3070	08/13/2010	2690	05/19/2010
SA-MW-25D	07/07/2020	0.63	218.6	5.5				
	09/01/2020	0.8	218.6	1.2				
	10/19/2020	0.7	218.6	2.1				
	01/13/2021	0.8	218.6	ND (1.0)				
	04/23/2021	0.84	218.6	1.0	1.2	08/13/2010	5.5	07/07/2020
SA-MW-26D	07/07/2020	0.42	218.6	1.2				
	10/19/2020	0.88	218.6	2.3				
	01/13/2021	0.91	218.6	ND (1.0)				
	01/13/2021	dup 0.9	218.6	ND (1.0)				
	05/06/2021	0.88	218.6	1.2	1.2	04/10/2014	5.5	11/06/2019
SA-MW-26S	07/07/2020	ND (0.2)	218.6	ND (1.0)				
	10/19/2020	ND (0.2)	218.6	ND (1.0)				
	01/13/2021	ND (0.2)	218.6	ND (1.0)				
	05/06/2021	ND (0.2)	218.6	ND (1.0)	384	03/21/2011	390	04/10/2014
SA-MW-27D	07/07/2020	2.0	218.6	2.8				
	10/19/2020	2.2	218.6	3.4				
	12/03/2020	2.0	218.6	4.6				
	01/04/2021	2.0	218.6	2.3				
	04/13/2021	1.9	218.6	2.7	2.7	04/21/2020	4.6	12/03/2020
SA-MW-34D	07/16/2020	0.38	218.6	ND (1.0)	0.77	07/22/2019	2.0	08/09/2017
SA-MW-34S	07/16/2020	0.33	218.6	ND (1.0)				
	03/02/2021	ND (0.2)	218.6	ND (1.0)				
	04/22/2021	ND (0.2)	218.6	ND (1.0)	58.0	11/06/2017	58.0	11/06/2017
SA-MW-35D	07/16/2020	3.1	218.6	3.4				
	01/04/2021	2.3	218.6	2.3	17.0	01/16/2019	19.0	01/16/2019
SA-MW-36D	07/16/2020	1.7	218.6	2.4				
	01/04/2021	2.6	218.6	3.3				
	03/02/2021	2.0	218.6	3.3	8.7	02/04/2020	8.9	02/04/2020

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SA-MW-37D	07/16/2020	5.2	218.6	5.5				
	10/19/2020	4.7	218.6	5.6				
	01/04/2021	4.0	218.6	4.8				
	04/22/2021	4.1	218.6	4.4	15.0	10/14/2016	17.0	10/14/2016
SA-MW-38D	07/16/2020	340	218.6	370				
	10/19/2020	350	218.6	380				
	10/19/2020	dup 350	218.6	380				
	01/12/2021	310	218.6	340				
	01/12/2021	dup 320	218.6	340				
	05/06/2021	360	218.6	390	380	07/19/2019	400	02/04/2020
	05/06/2021	dup 370	218.6	390				
SA-MW-38S	07/16/2020	230	218.6	250				
	10/19/2020	200	218.6	220				
	01/12/2021	220	218.6	230				
	01/12/2021	dup 220	218.6	230				
	05/06/2021	180	218.6	190	260	02/04/2020	250	07/16/2020
SA-MW-39D	07/17/2020	400	218.6	420				
	10/19/2020	540	218.6	550				
	01/04/2021	390	218.6	420				
	04/13/2021	380	218.6	380	1000	10/31/2017	990	10/31/2017
SA-MW-39S	07/17/2020	210	218.6	220				
	10/19/2020	200	218.6	210				
	01/04/2021	130	218.6	130				
	04/13/2021	110	218.6	110	210	07/17/2020	220	07/17/2020
SA-RW-25	07/14/2020	100	218.6	120				
	10/08/2020	110	218.6	130				
	01/14/2021	99	218.6	98				
	04/20/2021	83	218.6	84	250	07/19/2013	130	10/08/2020
SA-SM-01S	07/23/2020	ND (0.2)	218.6	3.2				
	10/22/2020	ND (0.2)	218.6	ND (1.0)				
	01/14/2021	ND (0.2)	218.6	1.2				
	04/22/2021	ND (0.2)	218.6	1.2	1200	01/10/2013	1300	10/17/2012
SA-SM-02S	07/23/2020	620	218.6	710				
	10/22/2020	530	218.6	590				
	01/14/2021	490	218.6	520				
	04/22/2021	290	218.6	310	2600	05/01/2012	2700	07/27/2011
SA-SM-03SR	07/23/2020	ND (0.2)	218.6	16				
	10/22/2020	ND (0.2)	218.6	18				
	01/14/2021	ND (0.2)	218.6	21 J				
	01/14/2021	dup ND (0.2)	218.6	43 J				
	04/22/2021	ND (0.2)	218.6	6.9	190	07/28/2017	210	07/28/2017

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SA-SM-08D	07/22/2020	ND (0.2)	218.6	ND (1.0)				
	10/22/2020	ND (0.2)	218.6	1.1				
	01/14/2021	ND (0.2)	218.6	4.3				
	03/02/2021	ND (0.2)	218.6	ND (1.0)				
	04/22/2021	ND (0.2)	218.6	1.8	840	08/06/2015	890	08/06/2015
	04/22/2021 dup	ND (0.2)	218.6	1.6				
SA-SM-11D	07/23/2020	ND (0.2)	218.6	ND (1.0)				
	07/23/2020 dup	ND (0.2)	218.6	ND (1.0)				
	01/14/2021	ND (0.2)	218.6	2.9	170	08/13/2010	159	12/11/2008
	01/14/2021 dup	ND (0.2)	218.6	3.3				
SC-MW-01D	07/20/2020	0.65	218.6	1.2				
	10/19/2020	0.66	218.6	1.2				
	01/12/2021	0.76	218.6	1.1				
	04/21/2021	1.1	218.6	1.5	3.9	06/05/2018	3.8	04/30/2018
SC-MW-02D	07/20/2020	4.0	218.6	5.0				
	10/19/2020	3.3	218.6	4.0				
	01/12/2021	1.4	218.6	1.9				
	05/07/2021	6.7	218.6	7.2	255	08/05/2010	258	08/27/2009
SC-MW-03D	07/20/2020	1.4	218.6	1.9				
	10/19/2020	1.2	218.6	1.7				
	01/12/2021	1.1	218.6	1.2				
	05/07/2021	1.6	218.6	1.6	411	11/03/2010	480	08/06/2015
SC-MW-04D	07/20/2020	3.1	218.6	3.6				
	10/20/2020	5.9	218.6	6.8				
	01/11/2021	8.4	218.6	9.8				
	05/07/2021	15	218.6	15	15.0	05/07/2021	15.0	05/07/2021
SC-MW-05D	07/20/2020	1.1	218.6	1.9				
	10/20/2020	1.1	218.6	1.8				
	01/11/2021	1.1	218.6	2.2				
	04/23/2021	1.4	218.6	1.6	6.9	01/24/2020	6.9	01/24/2020
SC-MW-06D	07/20/2020	1.3	218.6	2.3				
	10/20/2020	1.4	218.6	2.3				
	01/11/2021	1.4	218.6	2.3				
	04/23/2021	1.7	218.6	1.9	43.0	03/02/2020	40.0	03/02/2020
SC-MW-06S	07/20/2020	1.6	218.6	1.9				
	10/20/2020	1.8	218.6	2.9				
	01/11/2021	1.4	218.6	3.3				
	03/02/2021	1.7	218.6	2.2				
	04/23/2021	1.9	218.6	2.0	3.1	02/02/2011	3.3	01/11/2021

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SC-MW-07D	07/20/2020	1.5	218.6	2.1				
	10/20/2020	1.6	218.6	2.0				
	01/11/2021	0.66	218.6	1.3				
	05/07/2021	2.1	218.6	2.1	2.1	05/07/2021	3.3	07/25/2019
SC-MW-07S	07/20/2020	2.0	218.6	2.4				
	10/20/2020	1.9	218.6	2.4				
	01/11/2021	1.2	218.6	1.3				
	05/07/2021	2.0	218.6	2.5	2.0	05/07/2021	3.1	04/15/2020
SC-MW-08S	07/20/2020	2.3	218.6	2.8				
	01/11/2021	0.7	218.6	ND (1.0)	2.4	07/25/2019	3.5	08/07/2017
SC-MW-09D	07/20/2020	2.2	218.6	3.0				
	10/20/2020	1.9	218.6	4.4				
	12/03/2020	1.9	218.6	2.3				
	01/11/2021	1.5	218.6	3.0				
	05/06/2021	2.2	218.6	2.8	4.0	11/04/2010	7.9	11/06/2012
SC-MW-09S	07/20/2020	1.2	218.6	1.7				
	01/11/2021	1.1	218.6	2.1	15.6	11/04/2010	11.2	11/04/2010
SC-MW-10D	07/20/2020	1.8	218.6	2.4				
	10/21/2020	1.8	218.6	2.8				
	01/14/2021	1.9	218.6	2.3				
	04/23/2021	2.1	218.6	2.2	2.1	04/23/2021	2.8	10/21/2020
SC-MW-10S	07/20/2020	1.1	218.6	1.4				
	10/21/2020	1.0	218.6	1.6				
	01/14/2021	1.1	218.6	1.2				
	04/23/2021	1.0	218.6	1.4	2.6	11/05/2015	4.6	01/16/2019
SC-MW-11D	07/20/2020	ND (0.2)	218.6	ND (1.0)				
	10/21/2020	ND (0.2)	218.6	ND (1.0)				
	01/14/2021	ND (0.2)	218.6	ND (1.0)				
	04/15/2021	ND (0.2)	218.6	ND (1.0)	0.28	05/18/2010	2.4	10/02/2017
SC-MW-11SR	10/21/2020	22	218.6	55				
	01/14/2021	100	218.6	100				
	04/15/2021	95	218.6	97	110	02/01/2017	110	02/01/2017
SC-MW-12S	07/20/2020	320	218.6	350				
	01/14/2021	320	218.6	350				
	04/15/2021	350	218.6	350	400	02/03/2016	440	11/06/2015
SC-MW-13D	07/21/2020	1.0	218.6	3.7				
	10/21/2020	1.2	218.6	1.9				
	01/14/2021	0.93	218.6	1.1				
	04/15/2021	1.5	218.6	2.8	36.0	02/13/2019	37.0	04/18/2019

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SC-MW-13S	07/21/2020	ND (0.2)	218.6	ND (1.0)				
	07/21/2020 dup	ND (0.2)	218.6	ND (1.0)				
	10/21/2020	ND (0.2)	218.6	ND (1.0)				
	01/14/2021	ND (0.2)	218.6	ND (1.0)				
	01/14/2021 dup	ND (0.2)	218.6	ND (1.0)				
	04/15/2021	ND (0.2)	218.6	ND (1.0)	130	04/12/2018	140	04/12/2018
	04/15/2021 dup	ND (0.2)	218.6	ND (1.0)				
SC-MW-16C	11/04/2020	ND (0.2)	218.6	1.1	1.4	08/24/2010	2.1	11/13/2009
SC-MW-21S	07/21/2020	240	218.6	250				
	11/04/2020	240	218.6	260				
	01/12/2021	240	218.6	240				
	01/12/2021 dup	240	218.6	260				
	04/20/2021	300	218.6	310	470	02/01/2016	510	07/17/2015
SC-MW-26D	07/21/2020	230	218.6	250				
	08/03/2020	250	218.6	240				
	11/05/2020	390	218.6	430				
	01/13/2021	340	218.6	390				
	04/20/2021	250	218.6	270	1540	11/01/2010	1480	11/01/2010
SC-MW-38D	07/21/2020	39	218.6	43				
	01/13/2021	15	218.6	17	180	07/27/2011	190	07/27/2011
X-04	07/09/2020	2.2	218.6	2.8				
	01/06/2021	5.8	218.6	6.6				
	03/03/2021	4.5	218.6	5.8				
	04/15/2021	6.2	218.6	5.9	12.0	04/11/2019	14.0	04/11/2019
X-05	07/09/2020	2.0	218.6	2.5				
	01/20/2021	7.6	218.6	7.8				
	03/03/2021	7.4	218.6	8.2				
	04/15/2021	4.1	218.6	4.3	214	07/30/1997	230	07/30/1997
X-06	07/14/2020	550	218.6	650				
	07/14/2020 dup	550	218.6	590				
	11/03/2020	620	218.6	670				
	01/06/2021	510	218.6	530				
	04/13/2021	500	218.6	500	730	07/11/2019	790	10/10/2019
X-09	07/14/2020	8.5	218.6	9.7				
	11/03/2020	11	218.6	11				
	01/06/2021	11	218.6	12				
	04/15/2021	7.4	218.6	6.7	96.0	04/29/2014	510	08/10/2000
X-10	07/22/2020	17	218.6	19				
	01/15/2021	20	218.6	21	519	11/11/1999	800	10/03/1996

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous
Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
X-12	07/20/2020	3.3	218.6	3.8				
	07/20/2020 dup	3.4	218.6	3.7				
	11/03/2020	2.9	218.6	3.0				
	01/14/2021	3.1	218.6	3.5				
	01/14/2021 dup	3.2	218.6	3.3				
	04/13/2021	2.9	218.6	2.9	480	07/15/2014	597	08/27/2004
X-13	07/20/2020	59	218.6	62				
	07/20/2020 dup	58	218.6	62				
	11/03/2020	53	218.6	53				
	11/03/2020 dup	54	218.6	54				
	01/14/2021	50	218.6	51				
	01/14/2021 dup	49	218.6	49				
	04/13/2021	52	218.6	50	870	10/03/2013	860	01/15/2013
	04/13/2021 dup	52	218.6	52				
Y-01	07/09/2020	2.0	218.6	2.1				
	10/15/2020	2.0	218.6	2.2				
	01/12/2021	2.1	218.6	2.1				
	04/08/2021	2.1	218.6	2.2	17.0	08/03/2015	16.0	08/03/2015
Y-03	07/09/2020	2.3	218.6	2.7				
	10/15/2020	2.3	218.6	2.6				
	01/14/2021	2.1	218.6	2.2				
	04/08/2021	2.0	218.6	2.0	13.6	08/26/2013	12.3	08/26/2013

Notes:

See Table 4-3 for chromium sampling results for PG&E's Domestic Well Sampling Program.

^a Samples were collected after isolating deep screen of extraction well with a packer.

^b Sample collected prior to operation of extraction well pump, therefore results are not considered representative of the groundwater within the well.

 = Well sampled during the current quarter groundwater monitoring period

Abbreviations:

--- = sample not analyzed for this parameter

µg/L = micrograms per liter

dup = Results shown are for a duplicate groundwater sample taken on this date.

J = Analyte was present in the sample but the laboratory reported concentration is qualified as estimated by data validation because one or more quality control criteria were not met.

LL = low level

ND (x.x) = parameter is not detected at the reporting limit shown in parentheses

PG&E = Pacific Gas and Electric Company

Table 4-2
Chromium Results for Monitoring Locations Resampled During Reporting Period
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample ID	Sample Type	Initial Sampling Results				RPD (%)	Resampling Results				Resample Reason
			Date Sampled	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)	Difference		Sample ID	Date Sampled	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)	
Wells resampled as required by the 2015 CAO												
EX-03	EX-03-Q221	N	04/07/21	1.1	3.1	-2.0	-95.24	EX-03-RE-0621	06/03/21	0.2	1	> 1 ppb difference
EX-36	EX-36-Q221	N	04/06/21	1.4	3.6	-2.2	-88.00	EX-36-RE-0621	06/01/21	1.4	6.6	> 1 ppb difference
MW-105S	MW-105S-Q221	N	04/05/21	2.5	4.0	-1.5	-46.15	MW-105S-RE-0621	06/03/21	2.7	3.4	> 1 ppb difference
MW-121D	MW-121D-Q221	N	04/06/21	2.5	5.8	-3.3	-79.52	MW-121D-RE-0621	06/01/21	3.9	4.2	> 1 ppb difference
MW-123S2	MW-123S2-Q221	N	04/05/21	2.0	2.2	-0.2	-9.52	MW-123S2-RE-0621	06/02/21	2	2.6	> 1 ppb difference
MW-124S1	MW-124S1-Q221	N	04/07/21	2.1	3.3	-1.2	-44.44	MW-124S1-RE-0621	06/02/21	2.3	2.6	> 1 ppb difference
MW-126S2	MW-126S2-Q221	N	04/08/21	1.5	2.7	-1.2	-57.14	MW-126S2-RE-0621	06/02/21	1.6	2.3	> 1 ppb difference
MW-128S2	MW-128S2-Q221	N	04/05/21	2.3	3.4	-1.1	-38.60	MW-128S2-RE-0621	06/03/21	3	4.2	> 1 ppb difference
MW-131S1	MW-131S1-Q221	N	04/06/21	2.5	4.9	-2.4	-64.86	MW-131S1-RE-0621	06/02/21	2.6	3.8	> 1 ppb difference
MW-174S1	MW-174S1-Q221	N	04/06/21	3.0	4.1	-1.1	-30.99	MW-174S1-RE-0621	06/02/21	3.4	4.1	> 1 ppb difference
MW-202S	MW-202S-Q221	N	04/06/21	1.5	2.7	-1.2	-57.14	MW-202S-RE-0621	06/04/21	1.5	1.7	> 1 ppb difference
MW-90C	MW-90C-Q221	N	04/07/21	2.3	4.0	-1.7	-53.97	MW-90C-RE-0621	06/03/21	0.2	1	> 1 ppb difference
MW-50B	MW-50B-Q221	N	04/14/21	4.0	6.1	-2.1	-41.58	MW-50B-RE-0621	06/03/21	5.2	5.4	> 25% RPD difference
MW-184S2	MW-184S2-Q221	N	04/06/21	3.7	4.8	-1.1	-25.88	MW-184S2-RE-0621	06/02/21	3.5	5.1	> 25% RPD difference
MW-186S2	MW-186S2-Q221	N	04/06/21	3.3	4.9	-1.6	-39.02	MW-186S2-RE-0621	06/02/21	2.9	5.8	> 25% RPD difference
MW-194S1	MW-194S1-Q221	N	04/06/21	4.3	7.8	-3.5	-57.85	MW-194S1-RE-0621	06/02/21	4.2	4.8	> 25% RPD difference
Wells resampled for other reasons												
C-04	C-04-Q221	N	04/08/21	ND (0.2)	ND (1.0)	-0.8	-133.33	C-04-0421	04/15/21	0.2	1	Pump failure during initial sampling
MW-110S	MW-110S-Q221	N	04/13/21	3.0	3.4	-0.4	-12.50	MW-110S-RE-0621	06/03/21	3	3.2	CrT result verification
MW-74D	MW-74D-Q221	N	04/16/21	4.5	4.5	0.0	0.00	MW-74D-RE-0621	06/04/21	4.2	4.7	Previously < 3.1 ppb
MW-83S	MW-83S-Q221	N	04/14/21	7.0	7.2	-0.2	-2.82	MW-83S-RE-0621	06/03/21	4.9	5.7	Elevated turbidity after development
MW-153S	MW-153S-Q221	N	04/06/21	2.6	3.4	-0.8	-26.67	MW-153S-RE-0621	06/01/21	3.2	4.2	Previously < 3.1 ppb
MW-157S	MW-157S-Q221	N	04/05/21	2.2	3.2	-1.0	-37.04	MW-157S-RE-0621	06/01/21	2.1	3.1	Previously < 3.1 ppb
MW-172S1	MW-172S1-Q221	N	04/08/21	2.5	3.3	-0.8	-27.59	MW-172S1-RE-0621	06/03/21	2.5	2.6	Previously < 3.1 ppb

Note:

According to Cleanup and Abatement Order No. R6V-2015-0068 (dated November 4, 2015; 2015 CAO), if sample results show a relative percent difference of 25 percent or greater between Cr(VI) and Cr(T) concentrations and if both concentrations are less than 10 ppb, and Cr(VI) is greater than 3.1 ppb and Cr(T) is greater than 3.2 ppb, then the samples must be reanalyzed within the same quarter. In addition, if sample results have Cr(VI)/Cr(T) difference greater than 1.0 ppb at concentrations below 4 ppb, then the sample must be reanalyzed within the same quarter.

Abbreviations:

% = percent
µg/L = micrograms per liter
CAO = Cleanup and Abatement Order
Cr(VI) = hexavalent chromium
Cr(T) = total chromium
N = normal sample
ND (x.xx) = not detected, value in parenthesis is the reporting limit
ppb = parts per billion
RPD = relative percent difference

Table 4-3

Chromium Sampling Results for Domestic and Other Private Supply Wells, Current Quarter and Previous Three Quarters

Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results

Site-wide Groundwater Monitoring Program

Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Type	Sample Date	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)
Wells in the Second Quarter 2021 DWSP				
01-01A	DOM	07/14/20	0.46	ND (1.0)
		10/06/20	0.73	ND (1.0)
		02/01/21	0.46	ND (1.0)
		04/09/21	0.52	ND (1.0)
02-02A	DOM	07/07/20	0.86	ND (1.0)
		10/05/20	0.68	1.0
		01/11/21	0.17	ND (1.0)
		04/05/21	0.83	ND (1.0)
02-02B	DOM	07/07/20	1.6	1.7
		10/05/20	2.0	2.2
		01/11/21	0.21	ND (1.0)
		04/05/21	1.3	1.4
		04/05/21 duplicate	1.4	1.6
02-23	DOM	07/07/20	0.75	ND (1.0)
		10/05/20	0.72	ND (1.0)
		01/11/21	0.7	ND (1.0)
		04/05/21	0.72	ND (1.0)
22-103	DOM	07/09/20	1.7	1.8
		10/08/20	1.8	2.2
		01/14/21	1.7	1.9
		04/08/21	1.9	1.8
22-48	DOM	07/09/20	1.5	1.9
		10/08/20	1.5	1.7
		01/14/21	2.2	2.5
		04/08/21	2.2	2.4
22-60	DOM	07/10/20	0.21	ND (1.0)
		10/08/20	0.46	1.3
		01/14/21	0.21	ND (1.0)
		04/15/21	0.25	ND (1.0)
22-75	DOM	07/10/20	2.0	2.2
		10/08/20	2.1	2.3
		10/08/20 duplicate	2.0	2.3
		01/15/21	1.8	2.0
		04/08/21	2.1	2.1
22-82	DOM	07/09/20	1.2	1.3
		10/08/20	1.2	1.3
		01/14/21	0.95	1.1
		01/14/21 duplicate	0.95	1.2
		04/08/21	0.9	1.1
25-16	DOM	07/08/20	2.3	2.4
		10/06/20	2.4	2.6
		01/12/21	2.2	2.2
		04/06/21	2.3	2.3

Table 4-3
Chromium Sampling Results for Domestic and Other Private Supply Wells, Current Quarter and
Previous Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Type	Sample Date	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)
27-16	DOM	07/10/20	1.3	1.5
		10/09/20	1.4	1.6
		01/15/21	1.3	1.3
		04/09/21	1.5	1.7
27-26	DOM	07/10/20	1.2	1.2
		07/10/20 duplicate	1.1	1.3
		10/09/20	1.2	1.3
		01/15/21	0.83	ND (1.0)
		04/09/21	1.1	1.1
		04/09/21 duplicate	1.1	1.2
27-42	DOM	07/10/20	0.46	ND (1.0)
		10/08/20	0.48	ND (1.0)
		01/15/21	0.41	ND (1.0)
		04/08/21	0.38	ND (1.0)
27-43	DOM	07/10/20	1.4	1.8
		10/08/20	1.4	1.8
		01/15/21	1.4	1.4
		04/08/21	1.4	1.4
27-48	DOM	07/10/20	0.51	ND (1.0)
		10/09/20	0.56	ND (1.0)
		01/15/21	0.32	ND (1.0)
		06/01/21	0.41	ND (1.0)
27-49	DOM	07/10/20	0.48	ND (1.0)
		10/09/20	1.1	1.4
		10/09/20 duplicate	1.1	1.3
		01/15/21	1.7	1.6
		01/15/21 duplicate	1.6	1.6
		06/01/21	2.8	2.7
28-20	DOM	07/08/20	1.2	1.3
		10/07/20	1.2	1.3
		01/13/21	1.3	1.1
		04/07/21	1.3	1.4
28-22	DOM	07/08/20	0.96	1.1
		07/08/20 duplicate	0.96	1.1
		10/12/20	1.0	1.3
		01/13/21	0.54	ND (1.0)
		04/07/21	1.1	1.1
28-36	DOM	07/08/20	1.2	2.7
		09/02/20	1.7	2.8
		10/09/20	1.3	2.6
		11/03/20	0.56	2.1
		01/13/21	0.12	1.3
		04/07/21	0.16	1.9

Table 4-3

Chromium Sampling Results for Domestic and Other Private Supply Wells, Current Quarter and Previous Three Quarters

Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results

Site-wide Groundwater Monitoring Program

Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Type	Sample Date	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)
28-40	DOM	07/08/20	1.2	1.2
		10/12/20	1.2	1.3
		01/13/21	1.1	ND (1.0)
		04/07/21	1.6	1.6
28-51	DOM	07/09/20	ND (0.06)	ND (1.0)
		10/07/20	0.075	ND (1.0)
		10/07/20 duplicate	0.075	ND (1.0)
		01/13/21	0.083	ND (1.0)
28-75	DOM	07/17/20	ND (0.21)	ND (1.0)
		10/12/20	0.17	ND (1.0)
		01/13/21	0.22	ND (1.0)
		04/07/21	0.57	ND (1.0)
28-82	DOM	07/08/20	1.3	1.6
		10/07/20	0.71	ND (1.0)
		01/13/21	1.3	1.2
		04/07/21	1.4	1.6
28N-04	DOM	10/12/20	4.4	4.8
		04/12/21	ND (0.06)	ND (1.0)
28N-05	DOM	10/12/20	3.4	3.7
		04/12/21	3.4	3.1
30E-12	DOM	07/13/20	0.74	1.6
		10/06/20	2.0	2.3
		02/02/21	2.0	2.3
		04/06/21	2.2	2.1
31E-07	DOM	07/07/20	1.7	1.1
		10/06/20	2.0	2.3
		04/06/21	2.0	1.9
34-63	DOM	07/07/20	ND (0.06)	ND (1.0)
		10/05/20	ND (0.06)	ND (1.0)
		01/11/21	ND (0.06)	ND (1.0)
		01/11/21 duplicate	ND (0.06)	ND (1.0)
		04/05/21	0.98	ND (1.0)
		04/05/21 duplicate	1.0	1.0
34-77	DOM	07/07/20	0.93	1.1
		10/05/20	0.96	1.0
		01/11/21	0.89	ND (1.0)
		04/05/21	0.94	1.1
36-26	DOM	07/08/20	0.41	1.1
		10/06/20	0.35	1.7
		11/03/20	0.63	1.7
		04/06/21	0.77	1.6
36-41	DOM	07/07/20	0.81	ND (1.0)
		10/06/20	1.3	1.7
		01/12/21	1.2	1.1
		04/06/21	1.5	1.5

Table 4-3

Chromium Sampling Results for Domestic and Other Private Supply Wells, Current Quarter and Previous Three Quarters
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Type	Sample Date	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)
Other Domestic and Private Supply Wells				
BGS-12	DOM	08/31/20	0.96	1.0
Wells on PG&E-owned Property				
23-30	DOM	07/06/20	3.1	3.4
		10/05/20	3.3	3.3
		01/12/21	3.2	3.2
		04/07/21	3.2	3.2
26-65	DOM	07/06/20	ND (0.06)	ND (1.0)
26-66	DOM	07/06/20	0.21	1.2
30E-01	DOM	07/07/20	2.0	1.7
34-47	DOM	07/24/20	ND (0.2)	ND (1.0)
34-59	DOM	07/24/20	2.2	2.5
34-60	DOM	08/03/20	ND (0.2)	ND (1.0)

Abbreviations:

µg/L = micrograms per liter

DOM = domestic supply well

DWSP = Domestic Well Sampling Program

ND (x.x) = Parameter is not detected at the reporting limit shown.

PG&E = Pacific Gas and Electric Company

Table 4-4
Nonparametric (Mann-Kendall) Trend Analysis of Hexavalent Chromium Trends in Domestic and Other Supply Wells
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well	Number of Detections	Number of Non-Detects	Total Number of Samples	Detect Frequency	Min (µg/L)	Max (µg/L)	Mean (µg/L)	Median (µg/L)	Trend	Last Result	Last Sample Date
02-23	42	0	42	100%	0.16	0.84	0.6	1	Increasing	0.72	Apr-21
22-75	40	0	40	100%	1.6	2.2	1.9	1.9	Increasing	2.1	Apr-21
22-82	38	1	39	97%	0.074	1.3	0.71	0.83	Increasing	0.9	Apr-21
23-30	38	0	38	100%	1.5	3.4	2.9	3.1	Increasing	3.2	Apr-21
27-49	42	0	42	100%	0.25	2.8	1.8	1.8	Increasing	2.8	Jun-21
28-20	41	0	41	100%	0.48	1.4	1.2	1.2	Increasing	1.3	Apr-21
31E-07	22	0	22	100%	0.87	2.7	1.5	1.4	Increasing	2	Apr-21

Notes:
 Trend analysis performed using Mann Kendall single-tailed test at 0.05 significance level.
 For monitoring points exhibiting no trend at the 95% confidence level, concentrations are deemed stable if the variability index is equal to or less than one.

Acronyms and Abbreviations:
 % = percent
 µg/L = micrograms per liter
 Max = maximum
 Min = minimum

Figures

T:_ENV\PG&E_HINKLEY\GIS\GEC\MXD\GMP\2021\FINAL\FIG1-1 SITE_LOCATION_MAP_GMP2021.MXD 6/30/2021



**FIGURE 1-1
SITE LOCATION MAP**

SECOND QUARTER 2021 GROUNDWATER MONITORING
REPORT AND DOMESTIC WELL SAMPLING RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

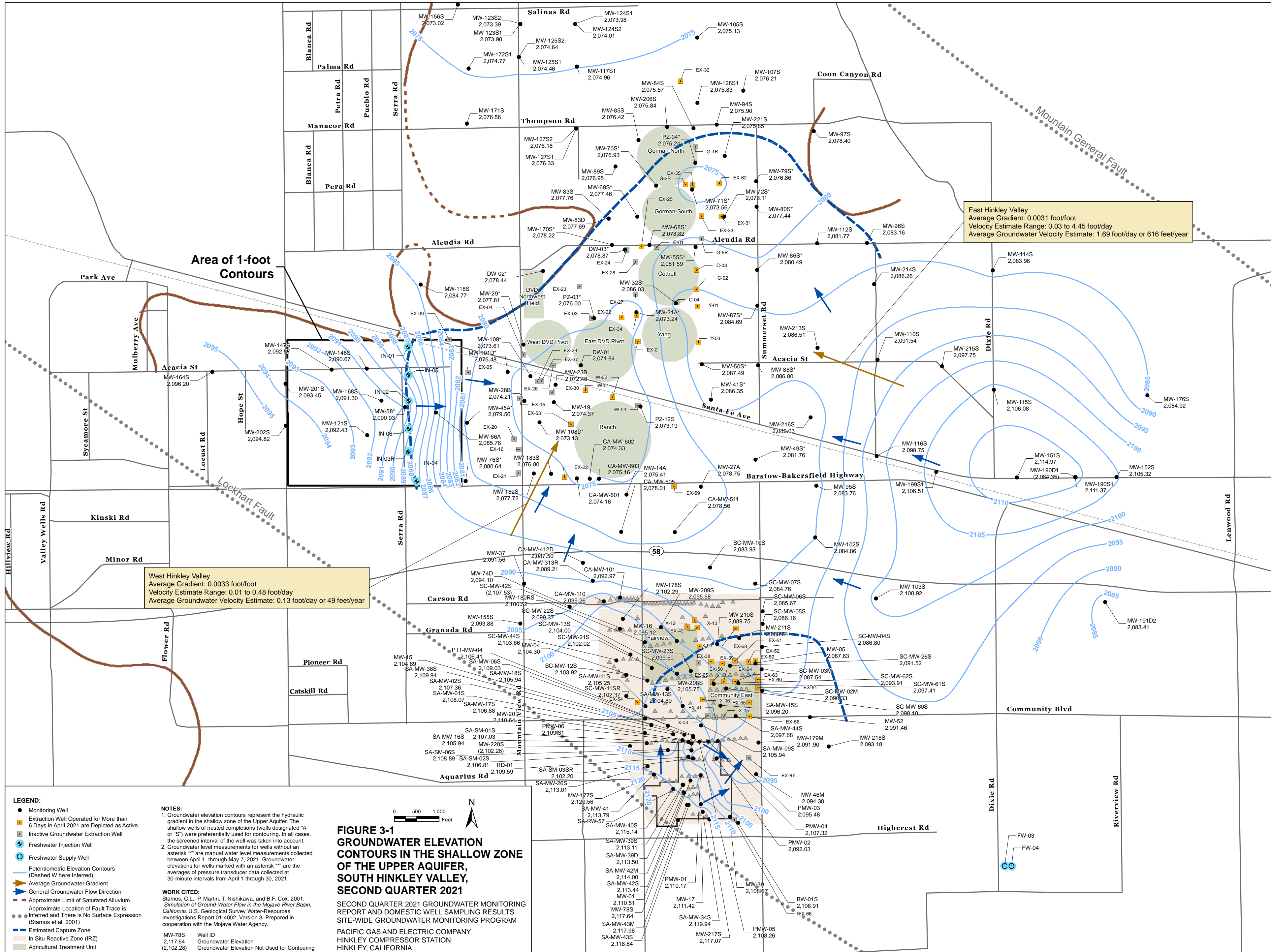
LEGEND

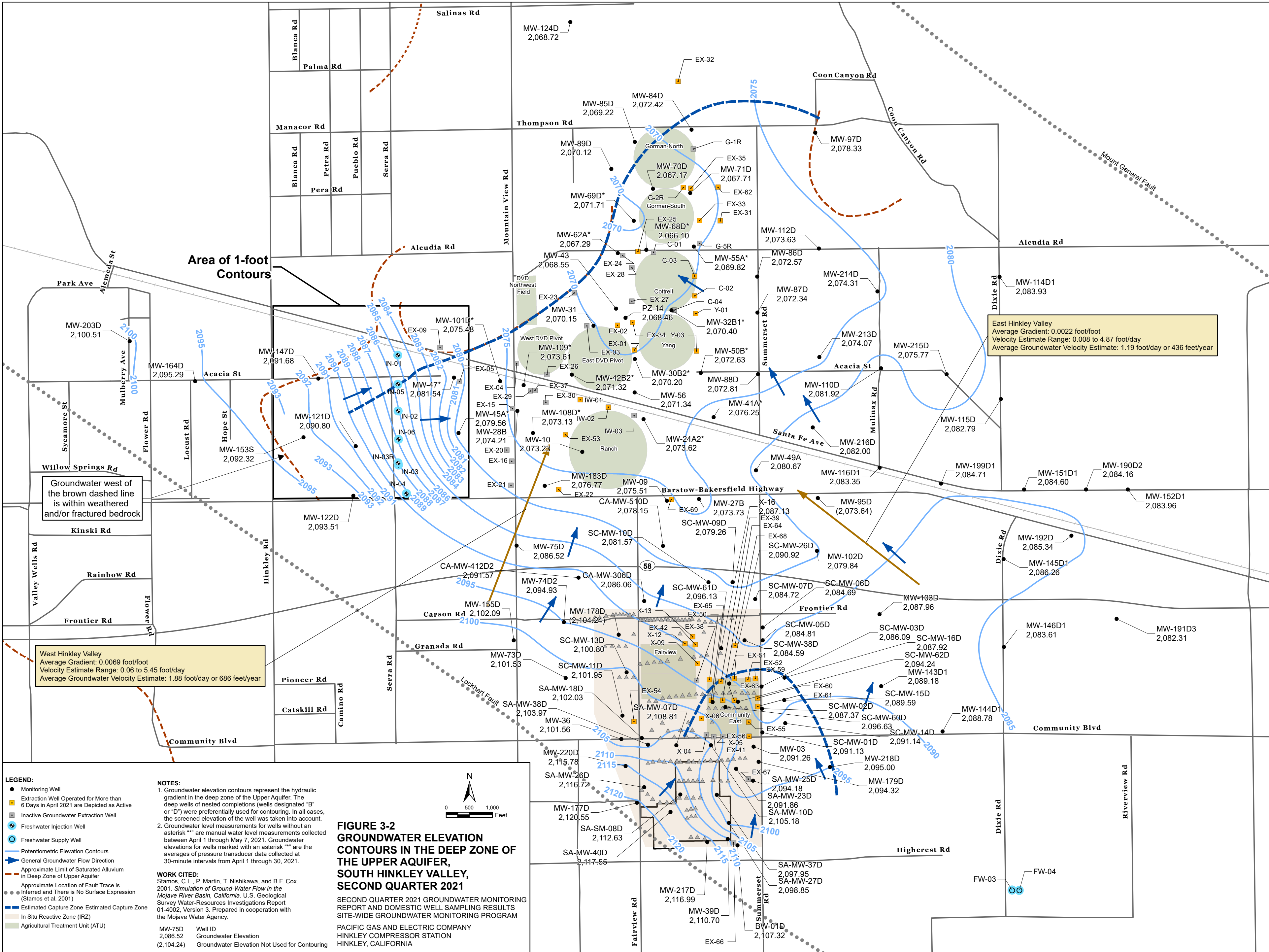
<p>Extent of Brown Clay Confining Layer in Upper Aquifer (Dashed Where Inferred)</p> <p>Western Extent of Blue Clay Confining Layer Forming Lower Aquifer (Dashed Where Inferred)</p> <p>Extent of the Upper Aquifer (Dashed Where Inferred)</p>	<p>Fault Type*</p> <ul style="list-style-type: none"> ● Inferred — Moderately Constrained — Well Constrained <p>Approximate Location of Lockhart Fault</p> <ul style="list-style-type: none"> ● Zone is Inferred and there is no Surface Expression (Stamos et al. 2001) --- Inferred Location of Lockhart Fault Zone Splays (Miller et. al 2020) 	<p>20 Foot Topographic Contours</p> <p>Railroad</p> <p>Road</p> <p><i>*Source: Quaternary Atlas and Field Database of the United States, (United States Geological Survey) 11/3/2010</i></p> <p>ABBREVIATIONS:</p> <p>UA Upper Aquifer</p> <p>UUA Shallow Zone of the Upper Aquifer</p>
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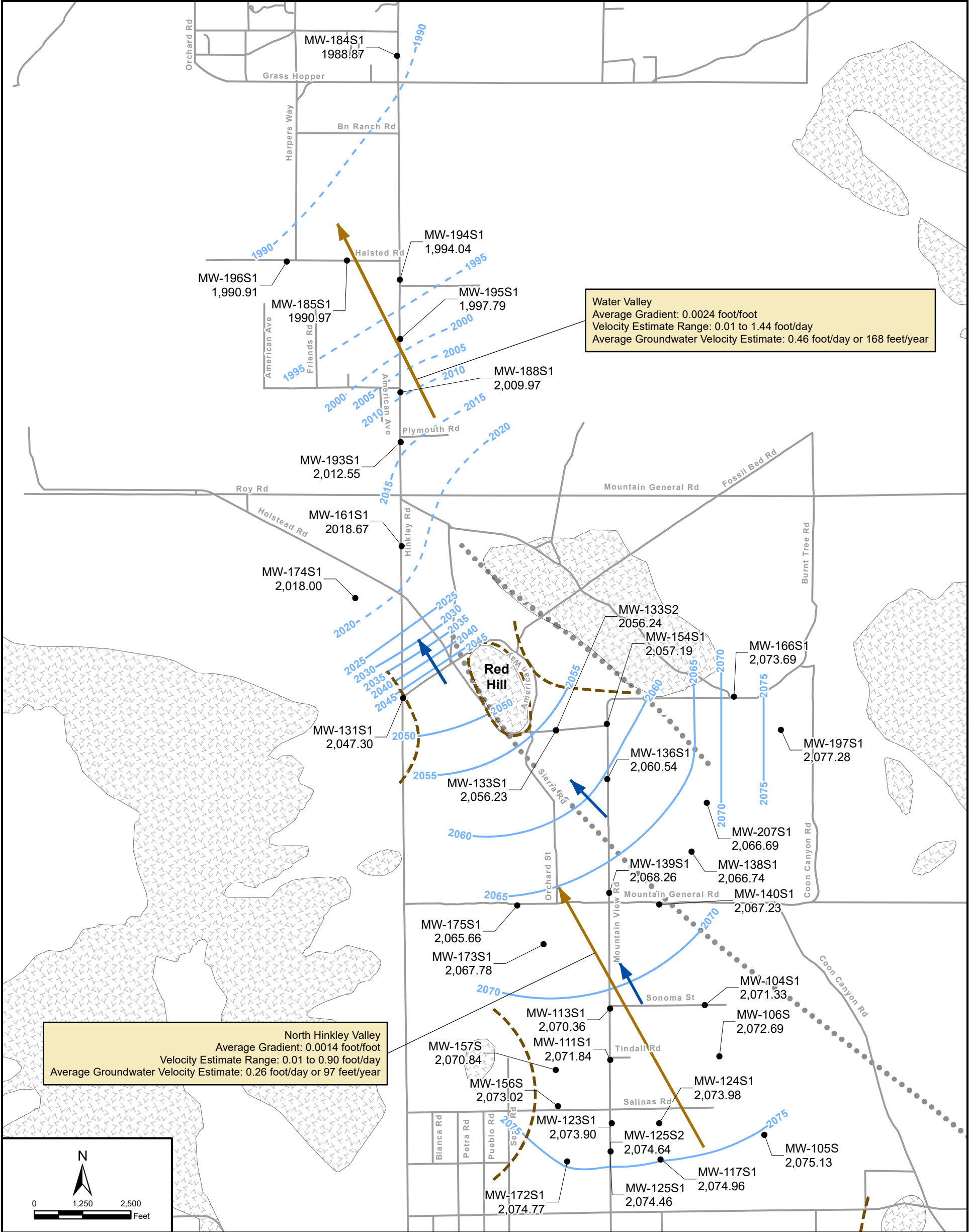
**FIGURE 2-1
LOCATIONS SAMPLED FOR SITE-WIDE GROUNDWATER
MONITORING PROGRAM AND DOMESTIC WELL SAMPLING
PROGRAM IN SECOND QUARTER 2021**

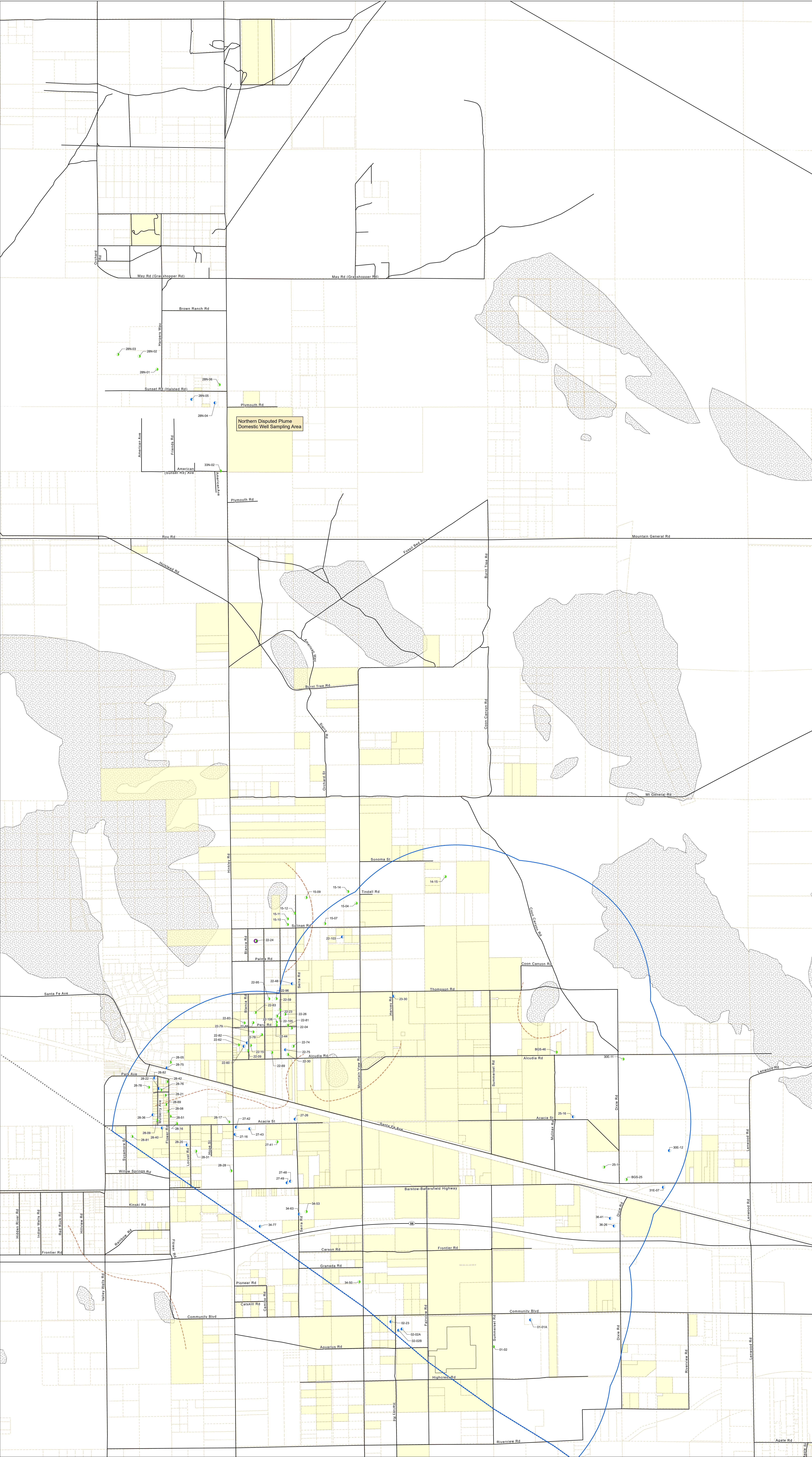
**SECOND QUARTER 2021 GROUNDWATER MONITORING
REPORT AND DOMESTIC WELL SAMPLING RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM**

**PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA**









LEGEND:

- Domestic Well Sampled This Quarter
- Wells Not Sampled This Quarter
- Wells Purchased by PG&E During This Quarter
- PG&E-Owned Property
- PG&E Compressor Station
- County Parcel
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault
- Fault Trace is Inferred, and There is No Surface Expression (Stanos et al. 2001)
- Barstow Exposure at Ground Surface
- EIR Mitigation Measure WTR-MM-2a Area Generated Using the First Quarter 2021 Plume Outline for Cr(VI)/Cr(T)

ABBREVIATIONS:

- Cr(T) Total Dissolved Chromium
- Cr(VI) Hexavalent Chromium
- EIR Environmental Impact Report
- PG&E Pacific Gas and Electric Company

WORK CITED:

Stanos, L.L., P. Martin, T. Nakamura, and B.F. Cox. 2001. Simulation of Groundwater Flow in the Mojave River Basin, California. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

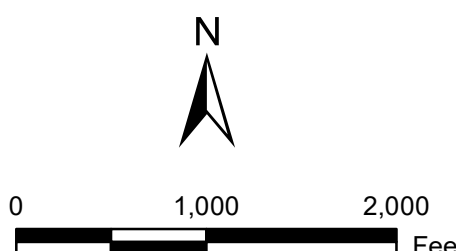
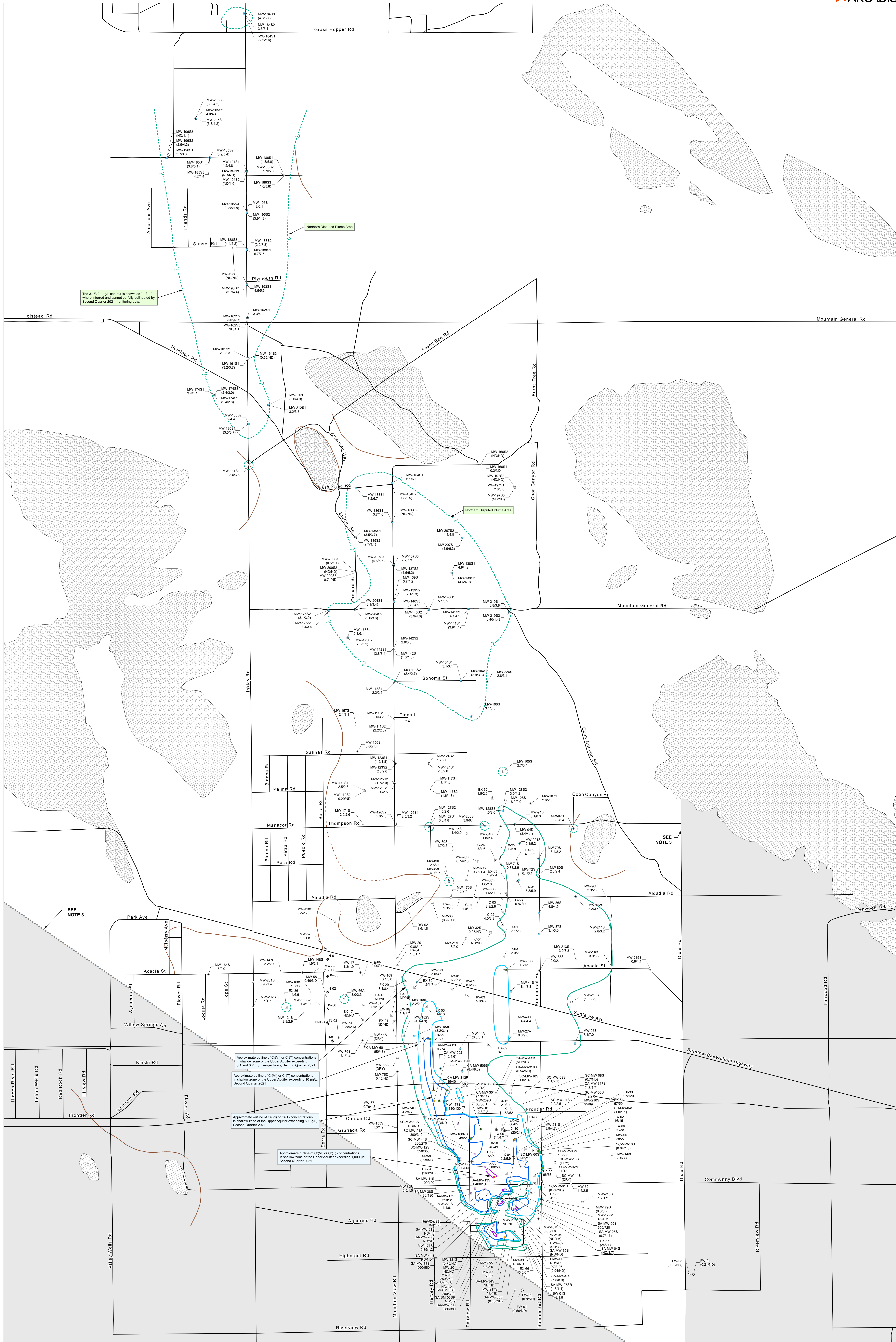


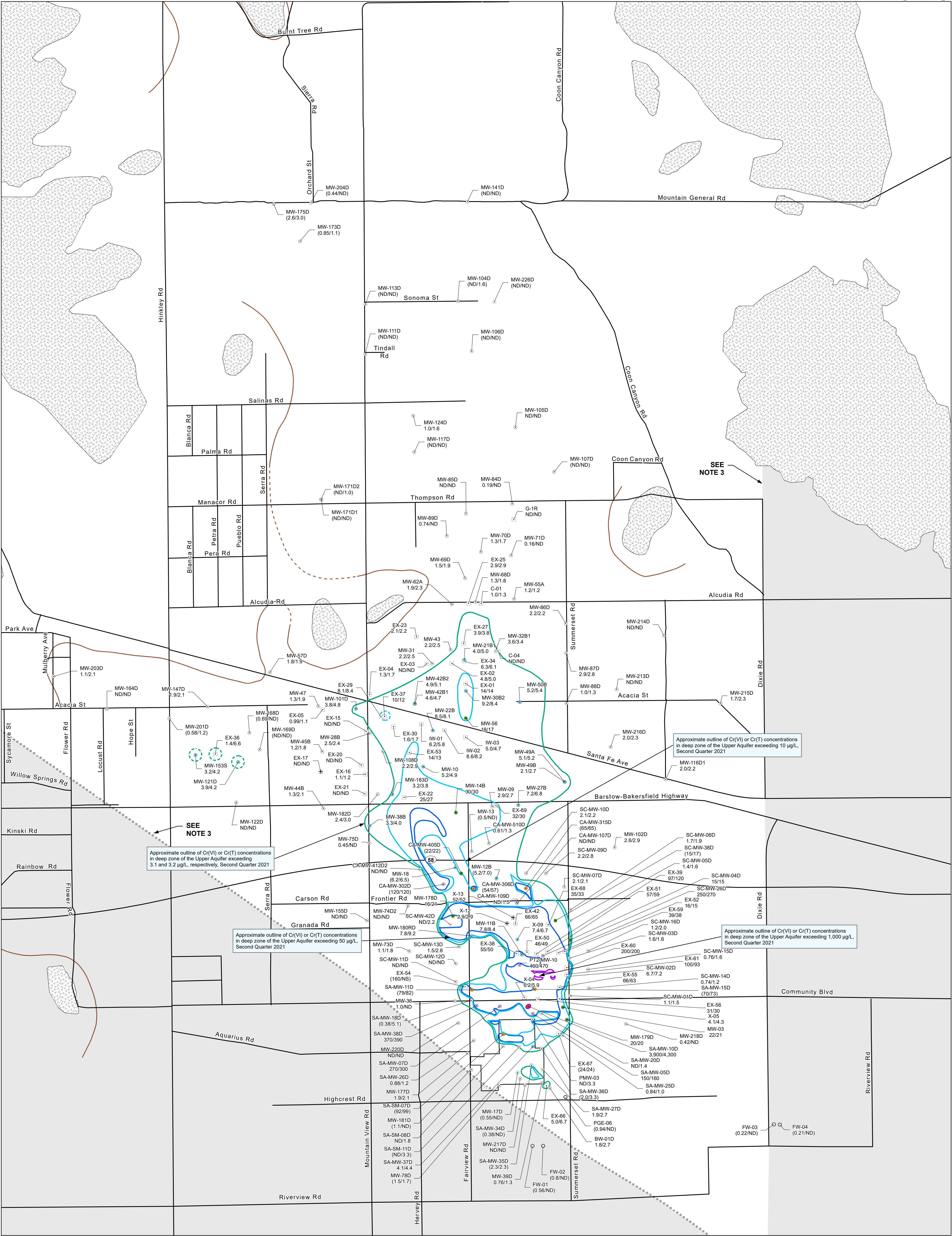
FIGURE 4-1
DOMESTIC AND OTHER PRIVATE WATER SUPPLY
WELLS SAMPLED DURING SECOND QUARTER 2021
SECOND QUARTER 2021 GROUNDWATER MONITORING
REPORT AND DOMESTIC WELL SAMPLING RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM
PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



**FIGURE E-1
CHROMIUM RESULTS FOR
GROUNDWATER MONITORING WELLS COMPLETED
IN THE SHALLOW ZONE OF THE UPPER AQUIFER,
SECOND QUARTER 2021**

SECOND QUARTER 2021 GROUNDWATER MONITORING
REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Groundwater Monitoring Well
- Agricultural Supply Well
- Other Supply Well
- ⊠ Groundwater Extraction Well
- ⊠ Multi-use Test Well, or Inactive Extraction/Injection Well
- ⊠ Freshwater Injection Well
- PG&E Compressor Station
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault;
- Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- Bedrock Exposed at Ground Surface

MW-177D Well ID
1.9/2.1 Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2021 sampling. Data in parentheses are from previous reporting period. See Table E-1 for sample dates.

Groundwater Cr(VI) concentrations in monitoring wells:

- More than 1,000 µg/L
- 100 to 1,000 µg/L
- 50 to 100 µg/L
- 10 to 50 µg/L
- 3.1 to 10 µg/L
- Less than 3.1 µg/L or ND

ABBREVIATIONS:

µg/L	Micrograms per Liter
Cr(VI)	Hexavalent Chromium
Cr(T)	Total Dissolved Chromium
ND	Not Detected
NS	Not Sampled
PG&E	Pacific Gas and Electric Company

NOTES:

- Chromium results are shown for Site-wide Groundwater Monitoring Program and domestic wells sampled in the Second Quarter (April through June) 2021 monitoring period. For wells sampled multiple times during the reporting period, the most recent results are shown.
- Chromium plume contours in the general area south of Highway 58 were developed using a larger set of monitoring data, which are presented in the Second Quarter 2021 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects (Arcadis 2021). Select wells from that program are shown here for reference.
- Pursuant to the Lahontan Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015), groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest of the Lockhart Fault and on or east of Dixie Road.

WORK CITED:

Arcadis. 2021. Second Quarter 2021 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects, Hinkley Compressor Station, Hinkley, California. July 30.

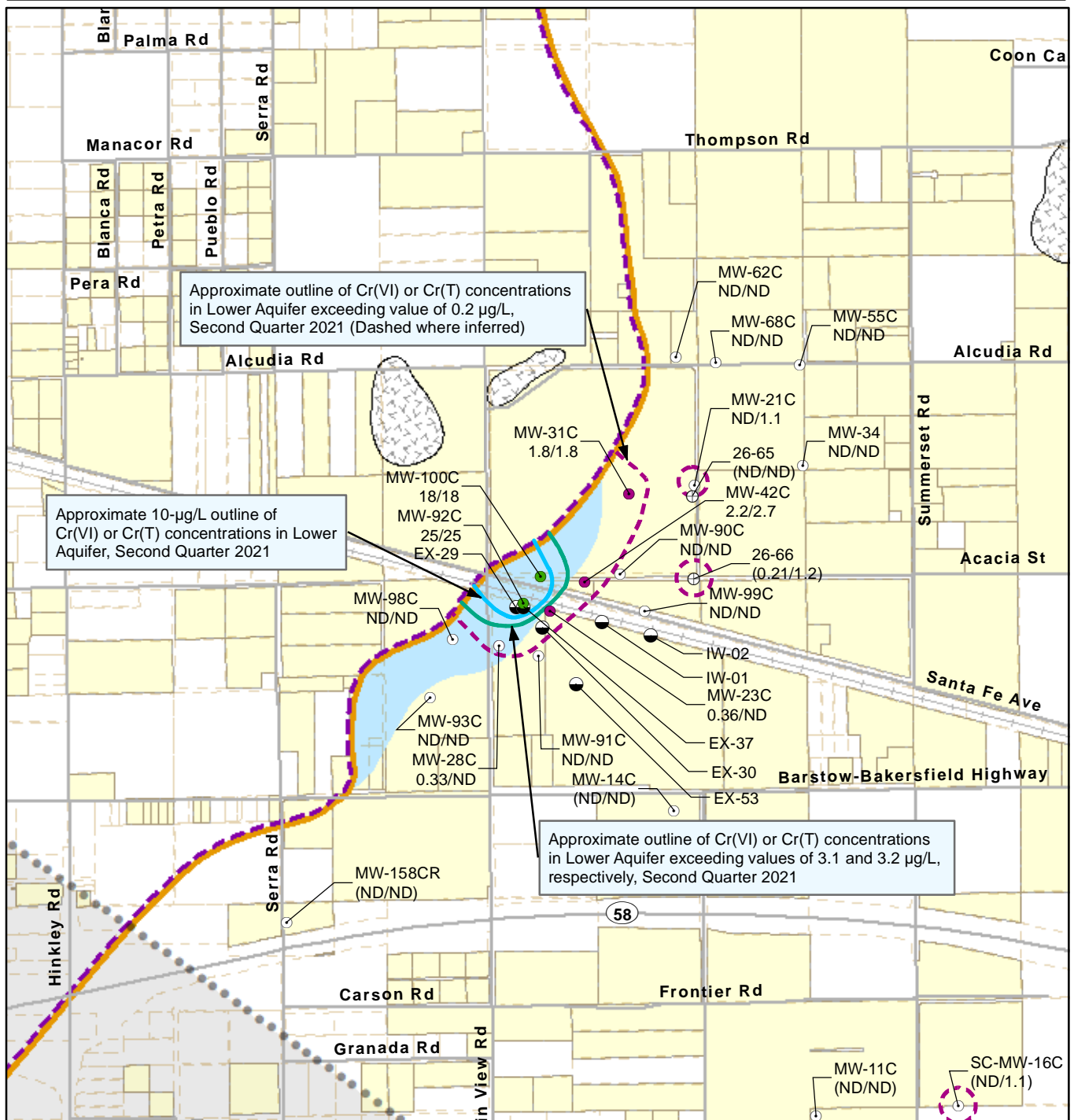
Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. Cleanup and Abatement Order No. R6V-2015-0068 Requiring Pacific Gas and Electric Company to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

**FIGURE 5-2
CHROMIUM RESULTS FOR
GROUNDWATER MONITORING WELLS
COMPLETED IN THE DEEP ZONE OF THE
UPPER AQUIFER, SECOND QUARTER 2021**

SECOND QUARTER 2021 GROUNDWATER MONITORING
REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Extraction Well Operated for Lower Aquifer Remediation
- Lower Aquifer Groundwater Monitoring Well
- Lower Aquifer Supply Wells
- Bedrock Exposed at Ground Surface
- Approximate Western Limits of Blue Clay Occurrence. The Blue Clay does not begin to form an aquitard separating the Upper and Lower Aquifers until east of the blue shaded transitional area.
- Approximate Location of Lockhart Fault; Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- PG&E-Owned Property
- PG&E Compressor Station
- Approximate Transitional Area where the Blue Clay is only intermittently present, thin and sandy. There is no Lower Aquifer in this area. Although identified as Lower Aquifer wells with "C" designations, monitoring wells in this area are screened across weathered bedrock at the base of the Upper Aquifer and are not Lower Aquifer monitoring wells.

Groundwater Cr(VI) concentrations in monitoring wells:

- Greater than 10 µg/L
- 3.1 µg/L to 10 µg/L
- 0.2 µg/L to 3.1 µg/L
- Less than 0.2 µg/L or ND

ABBREVIATIONS:

- µg/L Micrograms per Liter
- Cr(VI) Hexavalent Chromium
- Cr(T) Total Dissolved Chromium
- ND Not Detected
- PG&E Pacific Gas and Electric Company

NOTES:

1. Chromium concentration contours are based on April through June 2021 sampling of groundwater monitoring wells. Results are shown for wells completed in the Lower Aquifer (saturated zone below the Blue Clay aquitard). The Blue Clay is thin, sandy or absent in portions of its western extent. In these areas, Lower Aquifer monitoring wells may be in hydraulic communication with the Upper Aquifer.

WORK CITED:

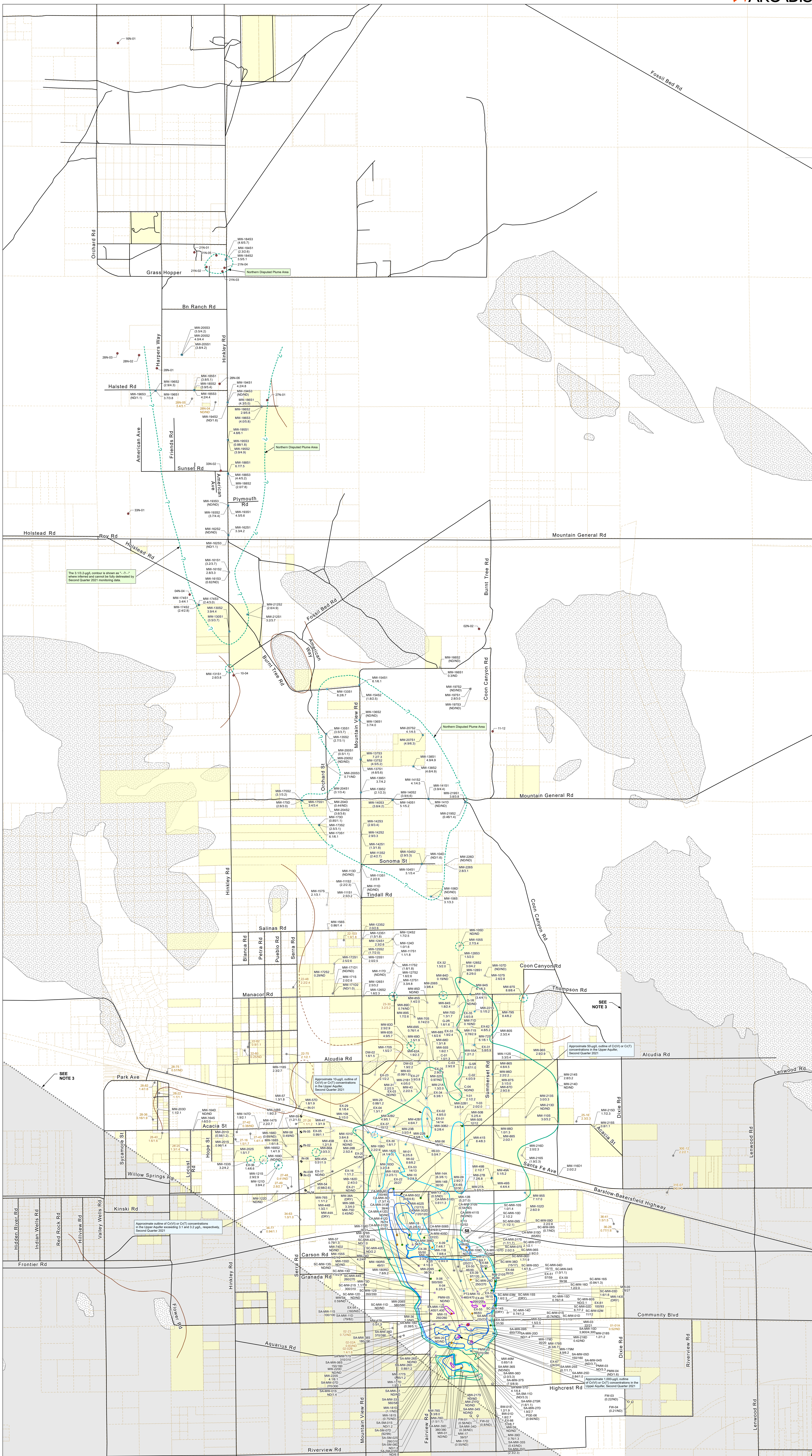
- Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

MW-92C 25/25 Well ID
Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2021 sampling.
(0.21/1.2) Data in parentheses are from previous reporting period.
See Table E-1 for sample dates.
EX-29 Extraction wells operated for Lower Aquifer remediation.

**FIGURE 5-3
CHROMIUM RESULTS FOR LOWER
AQUIFER AND BEDROCK
GROUNDWATER MONITORING AND
DOMESTIC WELLS,
SECOND QUARTER 2021**

SECOND QUARTER 2021 GROUNDWATER MONITORING
REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Monitoring Well
- Domestic Supply Well (active and inactive)
- Other Supply Well
- Groundwater Extraction Well
- Multi-use Test Well, or Inactive Extraction/Injection Well
- Firewater Injection Well
- Domestic Supply Well north of Mountain General Road (active and inactive)
- PG&E Compressor Station
- County Parcel
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault
- Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- Bedrock Exposed at Ground Surface
- PG&E

GROUNDWATER Cr(VI) CONCENTRATIONS IN MONITORING WELLS:

- More than 1,000 µg/L
- 10 to 100 µg/L
- 100 to 1,000 µg/L
- 3.1 to 10 µg/L
- Less than 3.1 µg/L or ND

ABBREVIATIONS:

- µg/L: Micrograms per Liter
- Cr(VI): Hexavalent Chromium
- Cr(III): Trivalent Chromium
- ND: Not Detected
- NS: Not Sampled
- PG&E: Pacific Gas and Electric Company

DRY: Groundwater monitoring program well that has been dry for at least 6 years

SA-SM-025: Well ID

290/310: Cr(VI)/Cr(III) concentrations in µg/L, maximum of primary and duplicate samples during Second Quarter 2021 sampling. Data in parentheses are from previous reporting period. See Table E-1 for sample dates.

NOTES:

- Chromium results are shown for Site-wide Groundwater Monitoring Program and domestic wells sampled in the Second Quarter (April through June) 2021 monitoring period. For wells sampled multiple times during the reporting period, the most recent results are shown.
- The concentration contours are based on Second Quarter 2021 chromium results for the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the Upper Aquifer as noted on Figures 5-1 and 5-2. Results for domestic wells (brown-colored labels) were not used for chromium plume contouring, except for those in the northern plume areas, pursuant to the Laborers Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015).
- Pursuant to the Laborers Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015), groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest of the Lockhart Fault and/or east of Dixie Road. Monitoring wells sampled southwest of Lockhart Fault and east of Dixie Road were sampled in support of United States Geological Survey background chromium investigation.
- Chromium plume contours in the general area south of Highway 58, were developed using a larger set of monitoring data which is presented in the Second Quarter 2021 Monitoring Report in the In Situ Reactive Zone and Northwest Freeway Injection Projects (Arcadis 2021). Select wells from that program are shown here for reference.

WORK SITE:

Arcadis, 2021. Second Quarter 2021 Monitoring Report for the In Situ Reactive Zone and Northwest Freeway Injection Projects, Hinkley Compressor Station, Hinkley, California, July 30.

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. Simulation of Groundwater Flow in the Mojave River Basin, California. U.S. Geological Survey Water-Resources Investigations Report 01-4002. Version 3.

Water Board. 2015. Cleanup and Abatement Order No. RW-2015-0068 Requiring Pacific Gas and Electric Company to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

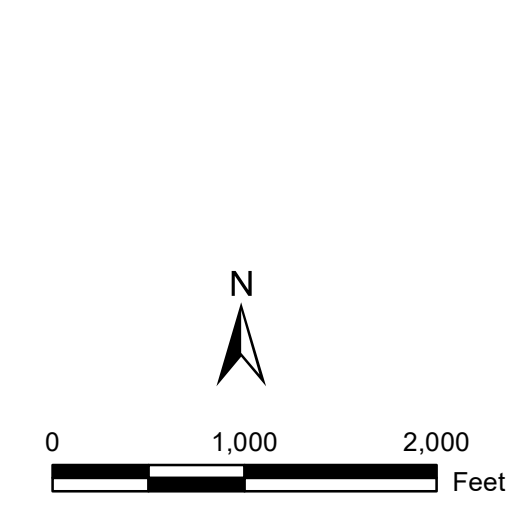
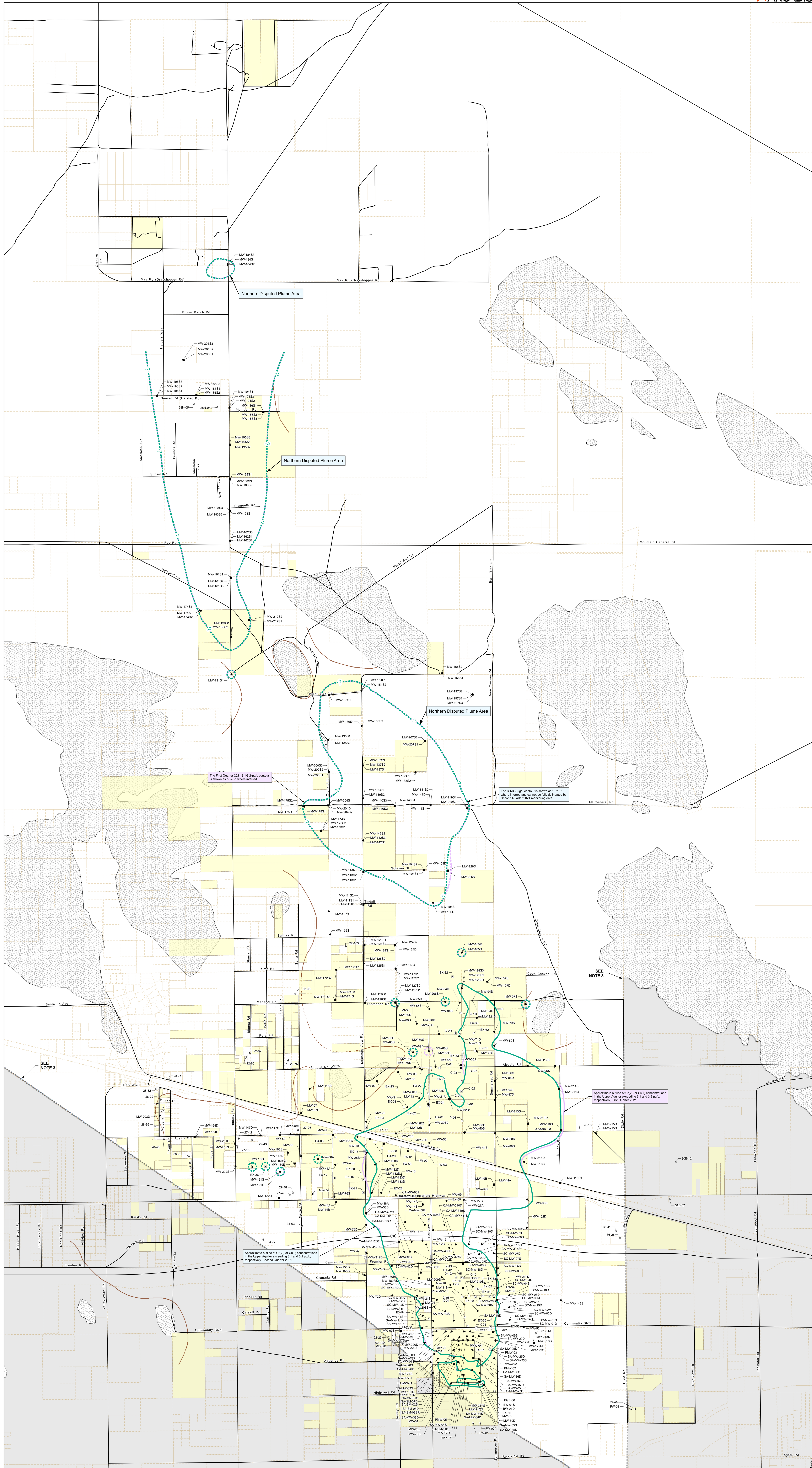


FIGURE 5-2
CHROMIUM RESULTS FOR SECOND QUARTER 2021
GROUNDWATER MONITORING AND DOMESTIC WELL
SAMPLING AND MAXIMUM COMPOSITE PLUME
OUTLINE IN UPPER AQUIFER

SECOND QUARTER 2021 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
 SITE-WIDE GROUNDWATER MONITORING PROGRAM
 PACIFIC GAS AND ELECTRIC COMPANY
 HINKLEY COMPRESSOR STATION
 HINKLEY, CALIFORNIA



Appendix A

Site-wide Groundwater Monitoring Well Information

Table A-1
Site-wide Groundwater Monitoring Well Information
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Time Period >	1988 - 1995	2002 - 2003	2004 - 2006	2007 - 2009	2010	2011 - 2016		2016 - PRESENT
Investigation Phase and Site Area	Initial RI / South, Central Initial Studies / East LTU New Ponds WDR / HCS	PDI 1 & 2 / South, Central, North Characterization / DVD LTU DVD Nitrate (Ryken WDR)	PDI 3 / South, Central, North Boundary Control / NW, North IRZ Pilot Tests / Source, East LTU Bedrock Characterization / NW Area	IRZ Monitoring / Central IRZ Monitoring / Source Area MW-62A Stepouts / Gorman - North DVD LA Characterization / DVD, Gorman, SCRIA Western Plume Delineation / Central & South	UA Stepouts / North (Summerset Rd) SCRIA Monitoring / Central IRZ Monitoring / Source Area	LA Delineation / DVD-Former Nelson UA Stepouts / North and Northern Basin UA Nitrate / Former Nelson UA Stepouts / Northwest and Southwest UA Stepouts / East (Dixie Rd)	UA Stepouts / North, East, and West	New upper aquifer monitoring wells performed under 2015 CAO
Groundwater Monitoring Wells Installed	MW-01 through MW-20 MW-11C, MW-14C (LA) MW-2-2 through MW-2-6 PMW-01 through PMW-06	MW-21 through MW-41 MW-21C, MW-23C, MW-34 (LA) DW-01, DW-02, DW-03	MW-42 through MW-66 PT1-MW-, PT2-MW-, PT3-MW-xx MW-47BR, MW-65BR, MW-66BR NA-MW-01 through NA-MW-06 WA-MW-01 through WA-MW-04	MW-67 through MW-76, plus CA-, SA-, SC- MW-64 / Northwest MW-67 / Southwest MW-73 through MW-76 / West CA-MW-xxx SA-MW-xxx, BW-01 SC-MW-xxx MW-31C, MW-55C, MW-68C, SC-MW-16C (LA)	MW-77 through MW-89, includes: MW-77, MW-78 / South (HCS) MW-79, MW-80 / North (Summerset Rd) MW-81, MW-82 / Northwest MW-83 through MW-89 / North SA-MW-26, SA-MW-27, SA-MW-28	MW-90 through MW-206, includes: MW-90C through MW-93C (LA)/ South of DVD MW-94 through MW-101 / North MW-102, -103, -115, -116 / East MW-104 through MW-114, MW-117 / North MW-108, MW-109, MW-14S / Former Nelson MW-118 through MW-122 / Northwest MW-123 through MW-129 / Northern Basin MW-130 through MW-142 / Northern Basin MW-143 through MW-146, MW-151, MW-152 / East MW-147, MW-148, MW-153 / Northwest MW-149, MW-150, MW-155 / Southwest MW-154, MW-156, MW-157 / Northern Basin MW-158C, MW-159C, and MW-160C / Southwest MW-160S/D, MW-163 through MW-169 / West MW-161, MW-162, MW-166, and MW-170S / North MW-171 through MW-175 / North MW-176 / East	MW-141 / North MW-182, MW-183 / IRZ Area MW-184 through MW-186, MW-188 / North MW-187, MW-189 through MW-191, MW-199 / East MW-193 through MW-198, MW-200 / North MW-201 through MW-203 / West MW-204, MW-205 / North MW-206S / North MW-39D, MW-178 through MW-180 / IRZ Area MW-158SR, MW-158CR, MW-207 MW-207 MW-212	MW-213 S/D MW-214 S/D MW-215 S/D MW-216 S/D MW-217 S/D MW-218 S/D MW-219 S1/S2 MW-220 S/D MW-221S MW-226 S/D MW-46M, MW-179M SC-MW-02M, -03M SA-RW-57 SA-AW-01 SA-AW-02 SC-MW-43S
Aquifer Zones Regional HSUs	Aquifer Zone Designations used for Monitoring Wells Installed during Investigation Phases							
UPPER AQUIFER	A	General Site A Ranch LTU A1 A2	MW-41A MW-49A MW-50A MW-55A MW-62A MW-62B MW-55B North Well IDs (A, B) were based on installation sequence at cluster location; not by aquifer stratigraphic interval General Site A B	Western Delineation A B General Site S D	General Site S D Brown Clay (UA CCL)	General Site S D Blue Clay (LA CCL)	General Site S D Brown Clay (UA CCL) D1 D2	
BLUE CLAY UNIT	Blue Clay	Blue Clay	Blue Clay	Blue Clay	Blue Clay	Blue Clay	Blue Clay	
LOWER AQUIFER	C	C	C	C	C	C	C	
BEDROCK			BR					

Abbreviations:

CAO = Cleanup and Abatement Order

CCL = confining clay layer

DVD = Desert View Dairy

IRZ = in-situ reactive zone

HCS = Hinkley Compressor Station

HSU = hydrostratigraphic unit

LA = lower aquifer

LTU = land treatment unit

PDI = plume delineation investigation

RI = remedial investigation

SCRIA = South Central Re-injection Area

UA = upper aquifer

WDR = Waste Discharge Requirement

Appendix B

**Standard Operating Procedures for Groundwater Sampling
(provided at Geotracker website**

http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Appendix B:

Standard Operating Procedures for Groundwater Sampling

SOP-A1	Purging and Sampling of Monitoring Wells with Dedicated Submersible Pumps / Well Casing Volume Method
SOP-A2	Purging and Sampling of Monitoring Wells with Temporary Submersible Pumps / Stabilized Drawdown Method
SOP-A3	Purging and Sampling of Monitoring Wells with Dedicated QED Pumps / Low-Flow Purging Method
SOP-A4	Purging and Sampling of Monitoring Wells with a Disposable Bailer
SOP-A5	Purging and Sampling of Supply Wells with Dedicated Pumps
SOP-A6	Purging and Sampling of Supply Wells without Dedicated Pumps
SOP-A7	Purging and Sampling of Active Domestic Wells with Dedicated Pumps
SOP-A8	Sample Field Filtration and Preservation for Metals Analyses
SOP-A9	Water Level Measurements
SOP-A10	Field Water Quality Measurements Using a Flow-Through Cell
SOP-A11	Calibration of Field Instruments
SOP-A12	Decontamination of Water Sampling Equipment
SOP-A13	Measurement of Well Total Depth

SOP-A1

Purging and Sampling of Monitoring Wells with Dedicated Submersible Pumps / Well Casing Volume Method Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for purging and sampling groundwater monitoring wells at the Hinkley site that are equipped with a dedicated electric pump. Purging and sampling of these wells requires an electric submersible dedicated pump with a controllable discharge rate (Grundfos Redi-Flo 2 or similar pump and flow controller), or an electric submersible dedicated pump with a single discharge rate (no flow controller). A well-volume based purging and sampling method will be used for these wells.

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, field filters, health and safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
- 3) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.
- 4) Open the well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements*. Record the WL value on the sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP-C1, *Temporary Removal and Replacement of Pressure Transducers*. **If the initial static WL measurement indicates that the well contains a water column of less than 4.0 feet, the well does not contain sufficient water to proceed with purging and sampling. Proceed to Step 9.**

PURGING AND SAMPLING PROCEDURES – MONITORING WELLS WITH DEDICATED SUBMERSIBLE PUMPS

- 5) Use the water level determined in Step 4 above and the total depth provided in the PST and/or the well-specific purge log to calculate the standing water column in the well and one well casing volume.

- 6) Well purging will take place **until at least one well casing volume has been purged and field parameters have stabilized.** The purging rate shall be adjusted to obtain minimal drawdown. Field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) will be measured using a flow-through cell and the units indicated on the purge form. Record units and time for all measurements collected. Record on the sampling log if parameter readings are anomalous or unstable due to instrument problem. If a flow controller is present, decrease the purge rate and measure/record new purge rate if significant drawdown is observed. Significant drawdown is considered to be 5% of the total height of the water column or to the top of screen.
- 7) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/- 0.1 pH units
Specific conductance	+/- 3% ($\mu\text{S}/\text{cm}$ or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius.
- 8) Collect samples for analyses according to the PST and/or event-specific field instructions. For all samples, decrease the discharge rate to reduce water turbulence at the pump discharge point. To reduce or prevent the need to stop the pump between purging and sampling and to regulate the flow through the flow-through-cell during purging, a dedicated inline splitter ("Y Valve") will be used upstream from the flow-through-cell. The splitter will have one influent and two effluent lines. One effluent line will be attached to the flow-through-cell and from there to waste; the second effluent line will be used as the sampling port. Each effluent line should be capable of flow control. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.
- 9) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

LOW VOLUME AND POOR RECOVERY WELLS

Some groundwater monitoring wells may exhibit slow or poor recovery upon purging. These groundwater monitoring wells may not recover sufficiently during purging and run completely dry without an opportunity to collect the required series of groundwater stabilization parameters, or run dry prior to sampling. In the unlikely event a monitoring well with a dedicated pump may exhibit these conditions, refer to SOP-A2, *Purging and Sampling of Monitoring Wells with Temporary Submersible Pumps – Low Volume and Poor Recovery Wells* for further instructions.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks.

SOP-A2

Purging and Sampling of Monitoring Wells with Temporary Submersible Pumps / Stabilized Drawdown Method Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for purging and sampling groundwater monitoring wells at the Hinkley site using a temporary submersible pump with a controllable discharge rate (Grundfos Redi-Flo 2 or similar pump and flow controller). A stabilized drawdown purging and sampling method will be used for these wells.

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) To avoid cross-contamination, on-site decontamination of the temporary pump and all non-dedicated sampling equipment is mandatory prior to first sampling and between each well. Equipment decontamination will include flushing of the internal components of the submersible pump and tubing assembly dedicated for each well cluster, as well as external washing of the pump and submerged tubing with Alconox solution and fresh water rinsing. See SOP-A12, *Decontamination of Water Sampling Equipment*, for additional equipment decontamination procedures.
- 3) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, temporary pump, pump control, power supply, new dedicated tubing, field filter, purge water container, health safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
- 4) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.
- 5) Open the well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements*. Measure the total well depth. Record WL and total well depth measurements on sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP C-1, *Temporary Removal and Replacement of Pressure Transducers*. **If the initial static WL measurement indicates that the well contains a water column of less than 4.0 feet, the well does not contain sufficient water to proceed with purging and sampling. Skip to Step 11.**

PURGING AND SAMPLING PROCEDURES – MONITORING WELLS WITH TEMPORARY SUBMERSIBLE PUMPS

- 6) The temporary pump assembly will be lowered to the **mid-screen target sampling depth** for purging and sampling. Confirm the well screen interval in feet below top of casing (feet TOC). The well pump intake shall be placed at the mid-screen depth, feet TOC, ± 1.0 foot.

- 7) Use the water level and total well depth information determined in Step 5 above to calculate the standing water column in the well and one casing volume.

Well purging will take place until a **minimum of one well casing volume has been removed and field parameters have stabilized (field parameters have changed from the initial readings and then stabilized)**. However, purging of monitoring wells **MW-185S1, MW-186S1, MW-188S1, MW-193S2, MW-194S1, MW-195S1, and MW-195S2** will take place until a minimum of **three well casing volumes** have been removed and field parameters have stabilized.

- 8) The purging rate shall be adjusted to obtain minimal drawdown. Field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) will be measured using a flow-through cell and the units indicated on the purge form. Record units and time for all measurements collected. Record on the sampling log if parameter readings are anomalous or unstable due to instrument problem. Decrease the purge rate and measure/record new purge rate if significant drawdown is observed. Significant drawdown is considered to be 5% of the total height of the water column or to the top of screen

- 9) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/- 0.1 pH units
Specific conductance	+/- 3% ($\mu\text{S}/\text{cm}$ or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius

Collect, **but DO NOT submit for laboratory analysis**, samples from wells where indicator parameters have stabilized but turbidity is out of range (>999 NTU) and/or the color of the purge water prior to filtering remains a color such as brown, tan, or orange. Notify the CH2M HILL Field Manager of the conditions encountered. Store the samples according to the procedures outlined for sample preservation in the *Quality Assurance Project Plan*.

pH values for some wells located north of Thompson Road are commonly above 9. When pH values above 9 are encountered the instrument's calibration should be verified, and the verification procedure documented on the sampling log. Notify the CH2M HILL Field Manager of the conditions encountered.

- 10) Collect samples for analyses according to the PST and/or event-specific field instructions. For all samples, decrease the discharge rate to reduce water turbulence at the pump discharge point. To reduce or prevent the need to stop the pump between

purging and sampling and to regulate the flow through the flow-through-cell during purging a dedicated inline splitter ("Y Valve") will be used upstream from the flow-through-cell. The splitter will have one influent and two effluent lines. One effluent line will be attached to the flow-through-cell and from there to waste; the second effluent line will be used as the sampling port. Each effluent line should be capable of flow control. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.

- 11) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

LOW VOLUME AND POOR RECOVERY WELLS

Some groundwater monitoring wells may exhibit slow or poor recovery upon purging. These groundwater monitoring wells may not recover sufficiently during purging and run completely dry without an opportunity to collect the required series of groundwater stabilization parameters, or run dry prior to sampling. The following procedures should be followed for collection representative groundwater samples from wells that go dry during purging activities in preparation for groundwater sampling. Follow steps 1 to 7 as showed in previous section.

- 12) Ideally, well purging will continue until a **minimum of one to three well casing volumes have been removed and field parameters have stabilized** (field parameters have changed from the initial readings and then stabilized), according to Steps 1 through 11. If the well purges dry during the observation period, immediately shut off the pump and collect a final set of water quality parameters (ph, specific conductance, ORP, turbidity, dissolved oxygen, and temperature).
- 13) Record the final water level, note the time, the volume of water discharged and the elapsed time for the complete discharge of the well. Inform the CH2M HILL Field Manager of the conditions encountered (low volume/poor recovery) before proceeding with the steps below.
- 14) Allow the well to recharge to 80 percent of the original height of the water column. The goal is to go back to the wells that purge dry and collect samples within 3-5 days of initial purging. The recovery period to achieve 80 percent of the height of the water column could take longer than 3 to 5 days in some instances. CH2M HILL Hinkley project-level staff should be consulted prior to sampling wells that have not achieved 80 percent recovery within 3 to 5 days.
- 15) Calculate the volume of water in the well and volume of water needed to fill all of the sample containers. Initiate procedures for the well sampling. Begin to slowly purge the well and collect at least one set of water quality parameters prior to filling the sample containers.
- 16) If there is insufficient water volume to allow sampling with a submersible pump, a disposable bailer may be used with the approval of the Field Manager. Refer to SOP-A4,

Sampling of Low Volume and Poor Recovery Monitoring Wells with a Disposable Bailer and do not continue to Step 18 below.

- 17) Collect samples for analyses according to the PST and/or event-specific field instructions. Samples are collected directly from the temporary pump discharge tubing. Make sure flow-through cell is disconnected before sample collection. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.
- 18) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks

SOP-A3

Purging and Sampling of Monitoring Wells with Dedicated QED Pumps / Low- Flow Purging Method Standard Operating Procedure for Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for purging and sampling all groundwater monitoring wells at the Hinkley site that are equipped with a dedicated QED bladder pump. Purging and sampling of these wells requires a dedicated QED Well Wizard micro-purge bladder pump, A MP10 controller box and air compressor. A low-flow (minimal drawdown) purging and sampling method will be used for these wells. The low-flow sampling method described herein has been adapted from the protocols specified by EPA in their groundwater monitoring guidance (EPA, 1996).

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, temporary pump, pump control, power supply, new dedicated tubing, field filter, purge water container, health safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
- 3) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.
- 4) Open the well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements*. Record the WL value on the sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP-C1, *Temporary Removal and Replacement of Pressure Transducers*. **If the initial static WL measurement indicates that the well contains a water column of less than 4.0 feet, the well does not contain sufficient water to proceed with purging and sampling; Skip to Step 9.**

PURGING AND SAMPLING PROCEDURES – MONITORING WELLS WITH DEDICATED QED PUMPS

- 5) Check previous purge records for insight into the proper rate. The sampling procedure for QED wells is purging **three pump line volumes (typically between 4 to 5 L) at a rate not to exceed 0.5 L/min.**
- 6) Well purging will take place until **three pump line volumes have been purged and field parameters have stabilized.** Field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) will be measured using a flow-through cell and the units indicated on the purge form. Collect water level measurements frequently during the purging to ensure that the water level has not dropped lower than desired. Record time for all measurements collected. Record on the sampling log if parameter readings are anomalous or unstable due to instrument problem. Decrease the purge rate and measure/record new purge rate if significant drawdown is observed. Significant drawdown is considered to be 5% of the total height of the water column or to the top of screen.
- 7) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/- 0.1 pH units
Specific conductance	+/- 3% ($\mu\text{S}/\text{cm}$ or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius
- 8) Collect samples for analyses according to the PST and/or event-specific field instructions. For all samples, decrease the discharge rate to reduce water turbulence at the pump discharge point. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.
- 9) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and

disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks.

SOP-A4

Purging and Sampling of Monitoring Wells with a Disposable Bailer Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for purging and sampling groundwater monitoring wells at the Hinkley site using single or double check valve disposable bailers. A three well volume purging and parameter stabilization sampling method will be used for these wells where possible.

Some groundwater monitoring wells may contain insufficient water to sample using submersible pumps according to SOP-A1 (*Purging and Sampling of Monitoring Wells with Dedicated Submersible Pumps*) or SOP-A2 (*Purging and Sampling of Monitoring Wells with Temporary Submersible Pumps*). The following procedures should be followed for the collection of representative groundwater samples from these wells. The approval from the CH2M HILL Field Manager must be obtained prior to collecting any groundwater samples with a disposable bailer.

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) To avoid cross-contamination, on-site decontamination of the bailer and all non-dedicated sampling equipment is mandatory prior to first sampling. See SOP-A12, *Decontamination of Water Sampling Equipment*, for additional equipment decontamination procedures.

Y Keep the bailer in the original protective wrapping until just before use, and use clean, single-use gloves to handle bailer once it is removed from the wrapping. Handle the bailer by the lanyard to minimize contact with the bailer surface. Equipment decontamination will include flushing of the bailer with Alconox solution and fresh water rinsing.

Y Discard cotton twine, nylon and non-stainless steel braided lanyards after sampling each well. Lanyards made of stainless steel, coated Teflon, polyethylene or polypropylene can be decontaminated between monitoring wells with Alconox solution and fresh water rinsing.

- 3) Field-check, calibrate and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, bailers and lanyards compatible with the analytes of interest, field

filters, purge water container, health safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.

Y Teflon, polyethylene or polypropylene bailers may be used for all analytes.

Y Lanyards must be made of non-reactive, non-leachable material such as cotton twine, nylon or stainless steel; or, coated with Teflon, polyethylene or polypropylene. Evaluate the appropriateness of the lanyard material with analyses of equipment blanks for the analytes of interest, as necessary.

- 4) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.
- 5) Open the well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements*. Measure the total well depth if no dedicated submersible pump is present in the well casing. Record WL and total depth measurements on the sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP C-1, *Temporary Removal and Replacement of Pressure Transducers*. **If the initial static WL measurement indicates that the well contains a water column of less than 4.0 feet, the well does not contain sufficient water to proceed with purging and sampling; Skip to Step 21.**

GROUDWATER PURGING AND SAMPLING PROCEDURES - LOW VOLUME MONITORING WELLS WITH DISPOSABLE BAILERS

- 6) Use the water level determined in Step 5 above and the total depth provided in the PST and/or the well-specific purge form, or measured in Step 5 above, to calculate the standing water column in the well and one casing volume.
- 7) Remove the bailer from its protective wrapping just before use. Attach the lanyard to the bailer at one end, and to either the protective casing of the well or to the sampler's wrist at the other. At no time should the bailer or lanyard touch the ground during the sampling process.
- 8) Slowly lower the bailer taking care not to disturb the water column or stir up sediment in the well. Allow time for the bailer to fill with water as it descends into the water column.
- 9) Carefully raise the bailer from the water column until the bailer has cleared the surface of the water. Record the volume of the bailer in the field sampling log.
- 10) Continue to carefully lower and retrieve the bailer as described.
- 11) Remove at least one well volume before collecting measurements of field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) from the initial bailer of water before discarding. Take each subsequent set of measurements after removing at least one half (1/2) of the casing volume. Record units and time for all measurements collected. Record on the sampling log if parameter readings are anomalous or unstable.
- 12) Continue purging until a minimum of three well casings volume has been removed and field parameters have stabilized (field parameters have changed from the initial readings and then stabilized).

- 13) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:
- | | |
|----------------------|--|
| pH | +/- 0.1 pH units |
| Specific conductance | +/- 3% ($\mu\text{S}/\text{cm}$ or mS/cm units) |
| ORP | +/- 10 millivolts |
| Turbidity | +/- 10% NTU units (when turbidity is >10 NTUs) |
| Dissolved oxygen | +/- 0.3 mg/L |
| Temperature | +/- 2° Celsius |
- 14) After purging, the bailer should be lowered into the water column to within one foot of the mid-screen target sampling depth to collect the sample. Samples should not be collected from the top of the water column, as this may not be representative of the groundwater flowing through the well screen. Discard the first few inches of water in the bailer. Collect the sample directly from the bailer by allowing the sample to slowly flow down the side of the container. Care should be taken when using bottom decanting bailers, as the full head of water in the bailer can force the water out quickly and cause aeration and overfilling of containers with possible loss of preservatives. Discard the last few inches of water in the bailer.
- 15) Collect samples for analyses according to the PST and/or event-specific field instructions. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metal Analyses*. Record observations of sample appearance, clarity, and odors in the sampling log.
- 16) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

GRAB GROUNDWATER SAMPLING PROCEDURES - POOR RECOVERY MONITORING WELLS WITH DISPOSABLE BAILERS

Some groundwater monitoring wells may exhibit both low volume, making them unsuitable for purging and sampling by submersible pump per SOP-A1 or SOP-A2, and slow or poor recovery upon purging. These groundwater monitoring wells may not recover sufficiently during purging and run completely dry without an opportunity to collect the required series of groundwater stabilization parameters, or run dry prior to sampling.

The following procedures should be followed for collection representative groundwater samples from wells that go dry during purging activities in preparation for groundwater sampling. Follow steps 1 to 11 in the previous section before continuing with the step below.

- 17) Allow the well to recharge to 80 percent of the original height of the water column. Ideally, this should be within 24 hours of the groundwater monitoring well being purged dry. The recovery period to achieve 80 percent of the height of the water column could take longer than 24 hours in some instances. CH2M HILL Hinkley project-level staff should be consulted prior to sampling wells that have not achieved 80 percent recovery within 24 hours.
- 18) Calculate the volume of water in the well and volume of water needed to fill all of the sample containers. Initiate procedures for the well sampling. Begin to slowly purge the

well and collect at least one set of water quality parameters prior to filling the sample containers.

- 19) The bailer should be lowered into the water column to within one foot of the mid-screen target sampling depth to collect the sample. Samples should not be collected from the top of the water column, as this may not be representative of the groundwater flowing through the well screen. Discard the first and last few inches of water in the bailer. Samples are collected directly from the bailer by allowing the sample to slowly flow down the side of the container. Care should be taken when using bottom decanting bailers, as the full head of water in the bailer can force the water out quickly and cause aeration and overfilling of containers with possible loss of preservatives.
- 20) Collect samples for analyses according to the PST and/or event-specific field instructions. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.
- 21) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks.

SOP-A5

Purging and Sampling of Supply Wells with Dedicated Pumps Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for groundwater sampling of active and inactive water supply or production wells that are **equipped with dedicated and functional well pumps** at the PG&E Hinkley site. This SOP also applies to groundwater sampling of active or inactive extraction and test wells that are equipped with dedicated pumps.

All samples for water quality (WQ) measurement and laboratory analysis are collected directly from existing or installed sampling ports at the well head/ discharge piping. Samples should not be collected from supply well holding tanks unless required by the well owner and well-specific project instructions.

The dedicated-pump water supply, extraction, and test wells are typically large-diameter (6-inch or greater diameter casing) and have long perforated/ screen intervals, and therefore, the purging and sampling procedures are different from the procedures used for sampling conventional groundwater monitoring wells. Supply or extraction wells that are actively pumping can be sampled directly without satisfying purging criteria after water contained in the sampling pump and associated tubing/ plumbing has been purged. For dedicated-pump wells that are inactive (i.e., not used for routine or daily production), a 'minimum purge' with stabilized field parameters sampling method is used as described below.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION AND SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, field filter, purge water container, health and safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
- 3) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.
- 4) If well is equipped with a transducer and transducer removal is required for sampling, follow SOP-C1, *Temporary Removal and Replacement of Transducers*.

- 5) Confirm condition of the well's pump and discharge sampling port and install or use temporary fittings as needed. Consult with the well owner before modifying the well's sampling port. If the well's dedicated pump is not functioning, contact the Project Manager or Field Team Manager for instructions. SOP-A6, *Purging and Sampling of Supply Wells without Dedicated Pumps* may be used if applicable for the well and confirmed by the Project Manager.
- 6) Confirm and note the operation status of the supply well from well head meter or well owner information. Well status should be noted as:
 - a) active - currently pumping,
 - b) active - cycling daily operation, or
 - c) inactive - last operation occurred: date.
- 7) If the supply/production well has been inactive for more than 24 hours, a water level measurement can be taken. Measure initial static WL according to SOP-A9, *Water Level Measurements*. Record WL value on sampling log.

SAMPLING PROCEDURE – CURRENTLY PUMPING ACTIVE SUPPLY WELLS

- 8) Install a flow-through cell to the sampling port and record one set of water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, temperature, and ORP). If it is not possible to connect the flow-through cell, a clean 5-gallon bucket may be used by filling the bucket with purge water and inserting the instrument probes directly into the bucket. If the bucket is used, turbulence in the bucket should be minimized and only pH, conductivity, ORP, and temperature need to be recorded. Record units and time for all measurements collected. Record on the sampling log if any parameter readings are anomalous or unstable due to instrument problems.
- 9) For actively pumping wells, samples can be collected directly from the dedicated pump discharge. A single set of field parameters should be recorded. (collecting stabilized field parameters is not required). Record observations on sample appearance, clarity, and odors.
- 10) Collect samples for analyses according to the PST and/or event-specific field instructions. To reduce or prevent the need to stop the pump between purging and sampling and to regulate the flow through the flow-through-cell during purging, a dedicated inline splitter ("Y Valve") will be used upstream from the flow-through-cell. The splitter will have one influent and two effluent lines. One effluent line will be attached to the flow-through-cell and from there to waste; the second effluent line will be used as the sampling port. Each effluent line should be capable of flow control. Sample containers are to be filled by transferring water directly from the pump discharge or sampling spigot to the appropriate sample container. If the PST calls for filtered and/or preserved samples, refer to SOP-A9, *Sample Field Filtration and Preservation for Metals*.
- 11) Complete the field sampling log, including description of samples collected, final WL, and purge volume of discharge or purge. If the pump is equipped with a flow meter, record the flow rate as well. Close and secure the well including access gates or fences.

SAMPLING PROCEDURE - ACTIVE CYCLING (CURRENTLY OFF) SUPPLY WELLS

If the supply well is confirmed to be active but is not currently pumping at the time of sampling, the well pump system needs to be operated/purged for a minimum period before water samples are collected. The extent of purging will vary depending on the well conditions and should be based on well owner information and prior sampling experience at the subject well. Groundwater samples should not be collected until sufficient flushing of the dedicated pump discharge system has occurred (typically a minimum 5 minutes) and stabilized field parameters are recorded.

- 12) Install a flow-through cell to the sampling port for measuring water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, temperature, and ORP). If it is not possible to connect the flow-through cell, a clean 5-gallon bucket may be used, as described in Step 8 above. Record units and time for all measurements collected. Record on the sampling log if any parameter readings are anomalous or unstable due to instrument problems.
- 13) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/- 0.1 pH units
Specific conductance	+/- 3% ($\mu\text{S}/\text{cm}$ or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius.
- 14) Record observations on sample appearance, clarity, and odors during purging and sampling. Collect water samples and complete the sampling activity following Steps 10, and 11 above.

SAMPLING PROCEDURE - INACTIVE SUPPLY WELLS WITH DEDICATED PUMPS

If the supply well is inactive (i.e., not used for routine or daily production), the well needs to be operated and purged before water samples are collected. A 'minimum purge' with stabilized field parameters sampling method is used. This SOP assumes both the power supply and the dedicated pump are operational (notify the Project Manager or Field Team leader if pump or power is not operational). Detailed information should be maintained on these type of wells and the data qualified as not likely to be representative of the aquifer.

- 15) Use the water level determined in Step 7 above and the total depth provided in the PST and/or the well-specific purge log to measure the standing water column in the well and calculate one casing volume.
- 16) Install a flow-through cell to the sampling port for measuring water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, temperature, and ORP). If it is not possible to connect the flow-through cell, a clean 5-gallon bucket may be used, as described in Step 8 above. Record units and time for all measurements collected. Record on the sampling log if any parameter readings are anomalous or unstable due to instrument problems.

- 17) Well purging will take place for a **minimum of 20 minutes, or until one well casing volume has been removed (whichever occurs first) and field parameters have stabilized** (see Step 13 above).
- 18) Record observations on sample appearance, clarity, and odors during purging and sampling. Collect water samples and complete the sampling activity following Steps 10, and 11 above.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

Regarding disposal of wastewater (decontamination water, and purge and excess groundwater):

- Active supply wells (pumping and not pumping): all wastewater generated during sampling of active supply wells will be discharged directly to the ground at the well site.
- Inactive supply wells: all wastewater generated during sampling of wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks

SOP-A6

Purging and Sampling of Supply Wells without Dedicated Pumps Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for groundwater sampling of water supply wells that are **not equipped with dedicated production/sampling pumps** at the PG&E Hinkley site. This SOP specifically addresses the inactive, idle or abandoned agricultural, domestic, and other water supply wells that do not have dedicated functional pumps.

All samples for water quality (WQ) parameter measurement and laboratory analysis are collected using a temporary submersible sampling pump with a controllable discharge rate, such as the Grundfos Redi-Flo 2 (or similar pump) and flow controller.

The inactive water wells without pumps are typically large-diameter (6-inch or greater diameter casing) and have long perforated/screen intervals, and therefore, the purging and sampling procedures are different from the procedures used for sampling groundwater monitoring wells. A 'minimum purge' with stabilized field parameters sampling method is used as described below.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) To avoid cross-contamination, on-site decontamination of the temporary pump and all non-dedicated sampling equipment is mandatory prior to first sampling and between each well. Equipment decontamination will include flushing of the internal components of the submersible pump and tubing assembly dedicated for each well cluster, as well as external washing of the pump and submerged tubing with Alconox solution and fresh water rinsing. See SOP-A12, *Decontamination of Water Sampling Equipment*, for additional equipment decontamination procedures.
- 3) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, temporary pump, pump control, power supply, new dedicated tubing, field filter, and health and safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
- 4) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.

- 5) Open well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements*. Record the WL value on the sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP-C1, *Temporary Removal and Replacement of Pressure Transducers*.

PURGING AND SAMPLING PROCEDURES – SUPPLY WELLS WITHOUT DEDICATED PUMPS

- 6) The temporary pump assembly will be lowered to the **mid-screen target sampling depth** for purging and sampling. Confirm the well screen interval in feet below top of casing (feet TOC). The well pump intake shall be placed at the mid-screen depth, feet TOC, ± 1.0 foot.
- 7) Use the water level determined in Step 5 above and the total depth provided in the PST and/or the well-specific purge log to measure the standing water column in the well and calculate one casing volume, as described on the groundwater purging and sampling log sheet.
- 8) Well purging will take place until a **minimum of one well casing volume has been removed and field parameters have stabilized (field parameters have changed from the initial readings and then stabilized)**. The purging rate shall be adjusted to obtain minimal drawdown. Field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) will be measured using a flow-through cell and the units indicated on the purge form.

pH	+/- 0.1 pH units
Specific conductance	+/- 3% ($\mu\text{S}/\text{cm}$ or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius.
- 9) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:
 - 10) Decrease the purge rate and measure/record new purge rate if significant drawdown is observed. Significant drawdown is considered to be 5% of the total height of the water column or to the top of screen. Record units and time for all measurements collected. Record on the sampling log if any parameter readings are anomalous or unstable due to instrument problems.
 - 11) Collect samples for analyses according to the PST and/or event-specific field instructions. For all samples, decrease the discharge rate to reduce water turbulence at the pump discharge point. To reduce or prevent the need to stop the pump between purging and sampling and to regulate the flow through the flow-through-cell during purging a dedicated inline splitter (“Y Valve”) will be used upstream from the flow-through-cell. The splitter will have one influent and two effluent lines. One effluent line will be attached to the flow-through-cell and from there to waste; the second effluent line will be used as the sampling port. Each effluent line should be capable of flow control. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field*

Filtration and Preservation for Metals. Record observations on sample appearance, clarity, and odors.

- 12) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates or fences.

LOW VOLUME AND POOR RECOVERY WELLS

Refer to Hinkley SOP-A2 for procedures for purging and sampling water wells that exhibit slow or poor recovery upon purging.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks.

SOP-A7

Purging and Sampling of Active Domestic Wells with Dedicated Pumps Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for groundwater sampling of active domestic wells that are equipped with dedicated and functional well pumps at the PG&E Hinkley site.

Samples for water quality measurement and laboratory analysis are collected directly from existing or installed sampling ports at the well head/discharge piping. Samples are not collected from holding tanks.

The active domestic wells are typically larger in diameter and usually have long perforated/screen intervals when compared to monitoring wells. Therefore, the purging and sampling procedures for these wells are different from the procedures used for sampling conventional groundwater monitoring wells.

WELL SURVEY

Prior to sampling a domestic well for the first time, a well survey will be conducted to determine if the well is fit for sampling. The well survey process is outlined below and documented in the Well Survey Form.

- 1) Confirm and note the operation status (e.g., active) of the domestic well from wellhead meter (if present) or well owner information provided during the sampling appointments with the owners. When possible, inspect and/or confirm the condition of the well, wellhead, and associated aboveground piping.
- 2) Confirm the presence or absence of a sampling port (a.k.a. spigot or hose bib), pressure relief valve, holding tank, and backflow valve in the tank. Determine whether a well retrofit is needed for the installation of a sampling port before the holding tank.
- 3) If a well retrofit is necessary to for sample collection, the well owner will be consulted before modifying the well and pump system and request his/her consent. If needed, install a sampling port as close as possible to the wellhead. The most common procedure for this retrofit is to remove the pressure relief valve from the wellhead or pipe and install a small pipe extension with a sampling port and re-install the pressure relief valve at the end of the pipe extension.

DOMESTIC WELL SAMPLING

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- If available, well construction and previous depth to water information will be included in the PST.

- Blank purge and sampling log sheets

PREPARATION AND SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, field filter, purge water container, health and safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
- 3) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.

PURGING AND SAMPLING PROCEDURES FOR DOMESTIC WELLS

- 4) If an access port is present in the wellhead seal, and consent has been given by the owner, a water level measurement will be taken from the domestic well. Measure initial static water level according to SOP-A9, *Water Level Measurements*. Record water level value on sampling log.
- 5) Install a flow-through cell to the sampling port and record a set of water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, temperature, and ORP). If it is not possible to connect the flow-through cell, a clean 5-gallon bucket may be used by filling the bucket with purge water and inserting the instrument probes directly into the bucket. If the bucket is used, turbulence in the bucket should be minimized and only pH, conductivity, ORP, and temperature need to be recorded. Record units and time for all measurements collected. Record on the purge form if any parameter readings are anomalous or unstable due to instrument problems. Re-calibrate instruments if needed.
- 6) Purge the well for **a minimum of five minutes** to ensure that water contained in the pump, riser pipe, and associated plumbing has been purged. The final purged volume and purge time will depend on the specific well system and the dedicated pump flow rate. In any case, the sample should be collected after the well has been pumped long enough to remove standing water and to ensure that water from the producing formation/s has entered the well casing.
- 7) Samples will be collected directly from the sampling port. A single set of field parameters should be recorded (collecting stabilized field parameters is not required). Record observations on sample appearance, clarity, and odors.
- 8) Collect samples for analyses according to the PST and/or event-specific field instructions. Sample containers are to be filled by transferring water directly from the sampling port to the appropriate sample container. If the PST calls for **filtered and/or preserved samples**, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*.
- 9) Complete the field sampling log, including description of samples collected, final WL, if possible, and estimated purge volume of discharge or purge. If the pump is equipped with a flow meter, record the flow rate as well. Close and secure the well including access gates or fences.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment are not considered hazardous wastes and can be sent to a municipal landfill. These wastes should only be disposed of in approved dumpsters controlled by PG&E or their contractors. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

Regarding disposal of wastewater (decontamination wash water, and purge and excess groundwater):

- Typically, wastewater generated during sampling of domestic wells will be discharged directly to the ground at the well site. If a large volume of purge water will be generated, the property owner must be consulted to verify that the water can be applied to ground on their property. Otherwise, any wastewater removed from the well site must be contained and transported to an approved disposal location.

SOP-A8

Sample Field Filtration and Preservation for Metals Analyses Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for collecting groundwater samples for field filtered metals analyses at the Hinkley site. Refer to SOP-A1 through SOP-A7 for specific groundwater sampling methods.

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information in provided on the PST.
- Blank purge and sampling log sheets.

FIELD-FILTRATION AND SAMPLE COLLECTION PROCEDURES FOR GROUNDWATER FROM MONITORING AND SUPPLY WELLS

- 1) Follow SOP-A1 through SOP-A7.

Sample Collection

Samples with turbidity greater than 10 NTU will be filtered through two inline 0.45 micron filters, as discussed in Technical Memorandum “*Use of Dual In-line Filters to Mitigate Erroneous Results Associated with Elevated Turbidity*” (CH2M HILL January, 2011). Samples with turbidity less than 10 NTU will be filtered through one inline 0.45 micron filter.

- 1) Once the required volume of purge water has been removed and the field parameters are stabilized, connect previously unused inline 0.45 micron filter(s) to the sampling port side of the splitter. Remember — do not change the speed of the pump. Filters must be certified and provided by CH2M HILL.
- 2) Purge 500 to 1000 milliliters (ml) of water through the inline filter(s) before collecting any samples.
- 3) Collect a post filter turbidity sample and record on the purge form.
- 4) For hexavalent chromium and dissolved metals: fill a 1 liter non-preserved sample container to the bottom of the bottle neck and replace the lid, invert the bottle 2 or 3 times to ensure the sample is homogeneous and then transfer (decant) the sample into the pre-preserved bottles required by the PST.

Dissolved Metals Method SW 6010B and SW 6020A (including Title 22 Metals)

- a) Fill a laboratory provided pre-preserved sample bottle (500 ml poly containing nitric acid [HNO_3]) with the sample to the top of the bottle neck. Care must be taken not to overfill the bottle.
- a) Seal, label, and place the sample on ice.

Hexavalent Chromium Method SM3500 and 218.6

- a) Fill a laboratory provided pre-preserved sample bottle (250 ml poly containing $(\text{NH}_4)_2\text{SO}_4/\text{NH}_4\text{OH}$ buffer solution) to the top of the bottle neck. Care must be taken not to overfill the bottle.
- a) Seal, label, and place the sample on ice.

SOP-A9

Water Level Measurements

Standard Operating Procedure for

PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) addresses the procedures and equipment to be used for manually measuring the depth to water at surface water locations, groundwater monitoring wells, supply wells, and domestic wells.

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) Ensure that the water level meter has been decontaminated. If the water level meter is not noted as decontaminated in the field notes, decontaminate the lower five feet of the water level meter before using according to SOP-A12, *Decontamination of Water Sampling Equipment*.
- 3) Inspect all equipment and calibrate water level meters if multiple meters are being used according to SOP-A11, *Calibration of Field Instruments*.
- 4) If well is equipped with a transducer, and transducer removal is required for water level measurement/sampling, follow SOP-C1, *Temporary Removal and Replacement of Transducers*.

MEASUREMENT PROCEDURES

- 5) Place water level meter into well or and lower until sensor sounds. Shake the line to remove any retained water. Note depth to water (DTW) measurement to mark on well casing, if there is no mark on casing measure to the north. Repeat three times and record final DTW to the nearest hundredth of a foot on the sampling log. Record well identification, time, date, DTW, and water level meter number.
- 6) Compare DTW measurement with previous data and note discrepancies on the sampling form. Repeat step #5 if an unexpected discrepancy is noted.
- 7) Decontaminate the lower five feet of water level meter or any portion of the instrument that came in contact with water, by unwinding the tape of the meter and following SOP-A13, *Decontamination of Water Sampling Equipment*. Record decontamination procedures and the serial number of the water level meter in the field book.

SOP-A10

Field Water Quality Measurements Using a Flow-through Cell Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This Standard Operating Procedure (SOP) provides general guidelines for using the YSI 556 or YSI Professional Plus Water Quality meter and flow-through cell or similar device for field measurements of pH, specific conductance, turbidity, dissolved oxygen, oxidation-reduction potential (ORP), and temperature of groundwater samples. The manufacturer's manual should be consulted for detailed calibration and operating procedures.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Equipment Manufacturer Manuals
- Blank purge and sampling log sheets

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions, HSP, Equipment Procedures Manual, and initiate sampling logs for sampling activity.
- 2) Inspect all equipment: YSI 556 or YSI Professional Plus Water Quality Meter with flow-through cell, or similar device; distilled water in squirt bottle.
- 3) Prior to each day's use, clean the probes and flow-through cell according to manufacturer's directions and calibrate the field water quality (WQ) meters according to SOP-A11, *Calibration of Field Instruments*.

The YSI 556 or YSI Professional Plus Water Quality Meter is capable of measuring the following parameters:

Parameter	Range of Measurement	Accuracy
pH	0 – 14 pH	+/- 0.2 pH units
Specific Conductivity	0 – 100 mS/cm	+/- 0.5 % of reading to 0.001mS/cm
Dissolved Oxygen	0 – 50 mg/l	+/- 0.2 mg/l Depending on DO probe
Temperature	-5 – 50 °C	+/- 0.15 °C
ORP	-999 mv - +999 mv	+/- 20 mV in redox solution
Salinity	0 – 70 ppt	+/- 1.0 % of reading or .1 ppt whichever is greater

SAMPLE MEASUREMENT PROCEDURES

- 1) Connect the discharge tubing from the pump to the inlet side (bottom port) of the flow-through cell.
- 2) Connect the discharge tubing to the outlet side (top port) of the flow-through cell.
- 3) Place the discharge tube in a purge water collection vessel.
- 4) Record the time and start the pump.
- 5) Establish a suitable discharge rate of the pump that is consistent with the PST and guidance.
- 6) Allow the well drawdown to stabilize and the temperature of the flow-through cell to equilibrate with the water temperature.
- 7) Turn the meter on to the measure mode.
- 8) Record water quality readings at regular intervals every three to five minutes. Keep in mind that the time interval between successive readings should not be shorter than the recharge time of the flow-through cell. For example, if the volume of the flow-through cell is 375 mL and the stabilized discharge rate is 137 mL/minute, the water quality readings should be at least 3 minutes apart.
- 9) Record the water quality information, volume of water discharged, the ending water quality characteristics, the ending water level, and the sample time and number in the field logbook and/or field sampling data sheet, if used.

Key Checks and Preventive Maintenance

- Calibrate meter according to SOP-A11, *Calibration of Field Instruments*.
- Clean probe with distilled water when done.
- If probes are dirty, rinse with a weak Alconox solution in the flow-through cell. If the device still does not calibrate, rinse with weak Alconox solution, isopropyl alcohol, Alconox, and rinse well with distilled or tap water.
- Store device using tap water. Use of deionized water will ruin the probes.
- Refer to operations manual for recommended maintenance.
- Check batteries, and have a replacement set on hand.

SOP-A11

Calibration of Field Instruments Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) addresses the procedures and equipment to be used for calibration of field instruments at the Hinkley site. This SOP should be used for calibration of water level meters (Heron or Solinst), water quality meters (YSI 556 or YSI Professional Plus) with flow-through cell and HACH turbidity meters.

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Equipment Manufacturer Manuals
- Previous Calibration Records
- Field Equipment Binder (documents equipment servicing, calibration, etc..)
- Blank Calibration Sheets (see attached)

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions and HSP.
- 2) Inspect all equipment necessary to carry out activities detailed in event-specific PST.
- 3) Calibration should be performed prior to initiating sampling each day. Always use fresh solutions for calibration
- 4) Review Field Equipment Binder equipment servicing records to anticipate next service.
- 5) All equipment and solutions are stored in an air-conditioned office onsite to maintain the integrity. Due to extreme temperature at the site, all calibrations are performed within this office.
- 6) The Heron or Solinst water level meters shall be used as the principal field instruments for measuring depth to water in wells.
- 7) The YSI 556 or YSI Professional Plus water quality meter shall be used as the principal field instruments for measuring water quality parameters during groundwater sampling.

EQUIPMENT NEEDED

Water Level Meter:

- Surveyor's tape measure

YSI 556 or YSI Professional Plus Water Quality Meter:

- Calibrating solutions
- Spare batteries
- DI water

HACH Turbidity Meter:

- Autocal solution
- Level II solution
- ORP check solution
- Spare batteries
- DI water

CALIBRATION PROCEDURES

Water Level Meters

When using a single water level meter:

- 1) Unroll and extend the water level meter tape to its full length
- 2) Extend a surveyor's tape measure (graduated in 0.01-ft increments) next to the water level meter tape
- 3) Starting from the zero-foot mark on both the water level meter and surveyor's tapes, compare the markings down the entire length of the two tapes at ten-foot increments. On the water level meter calibration sheet, note next to the water level tape distances what the corresponding distance is on the surveyor's tape (i.e., water level distance - 10 feet; surveyor's tape distance - 10.01 feet)

When using multiple water level meters at the site it is necessary to calibrate each against each other at least once during the sampling event (usually the first day before the site-wide water level snapshot) using the following procedure:

- 4) Lower each water level meter into a specified well and record the reading to the nearest hundredth of a foot on the calibration sheet along with water level meter number, time, and date.
- 5) If there are two or more water level meters being used and they are reading different depths to water with a difference bigger than 0.01 of a foot:
 - a) Repeat steps #1 through #3 for all the water level meters

- b) If the measured distance between the water-level meters do not correspond with the measurements taken with the surveyor's measure tape (difference bigger than 0.01) then mark and affix a tag to the water level meter with the measurement calibrated offset distance in ft

Water Quality and Turbidity Meters

Check expiration date of calibration solution and discard if expired. For calibration instructions, please refer to specific Equipment Manufacturer Manuals

SOP-A12

Decontamination of Water Sampling Equipment Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for decontamination of sampling equipment at the Hinkley site.

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).

PREPARATION & SETUP

- 1) Initiate field log sampling book for activity.
- 2) Inspect all equipment necessary to carry out activities detailed in event-specific PST.
- 3) Review manufacturer decontamination guidelines for equipment necessary to carry out activities.

Equipment List:

- 1) Spray bottle with distilled water.
- 2) Spray bottle with 2.5 percent (W/W) Alconox and distilled water solution.
- 3) Large plastic pails, tubs and 5-gallon buckets for Alconox and distilled water, scrub brushes, squirt bottles for Alconox solution, distilled water, and clean plastic bags.
- 4) Trash pump to transfer used decontamination water from tubs to holding tank for disposal of waste.
- 5) Phthalate-free gloves.

GUIDELINES

Field Equipment

Any equipment used (temporary pump, dedicated pump power supply line, hose claps, etc.) will be decontaminated before use and between each sampling location.

Water Level Meters

Any portion of a water-level indicator (e.g. probe and/or cable) that contacts the groundwater must be decontaminated by washing with Alconox or Liquinox solution and rinse with distilled water after use.

Pumps/Probes/Cables

Sampling pumps, probes (e.g., pH or specific ion electrodes, geophysical probes, etc.) and/or cables that come into contact with groundwater will be decontaminated using the

procedures specified below unless manufacturer's instructions indicate otherwise. For probes that make no direct contact (e.g., OVM equipment), the probe will be wiped with paper towels.

PROCEDURES

Sampling Equipment Decontamination – Groundwater Sampling Pumps

Sampling pumps are decontaminated after each use as follows:

- 1) Don phthalate-free gloves.
- 2) Turn off pump after sampling. Remove pump from well and place pump in decontamination tub, making sure that tubing does not touch the ground.
- 3) Turn pump back on and pump 1 gallon of Alconox solution through the sampling pump.
- 4) Rinse with a minimum of 1 gallon of distilled water.
- 5) Keep decontaminated pump in decontamination tub or remove and wrap in clean plastic sheeting or clean plastic garbage bag.
- 6) Collect all rinsate and dispose of at the Central or Source IRZ holding tanks as instructed by PG&E.
- 7) Decontamination materials (e.g., plastic sheeting, tubing, etc.) that have come in contact with used decontamination fluids or sampling equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

Sampling Equipment Decontamination – Other Equipment

Reusable sampling equipment is decontaminated after each use as follows.

- 1) Don phthalate-free gloves.
- 2) Wash all equipment surfaces that contacted the potentially contaminated soil/water with Alconox solution.
- 3) Rinse with distilled water or triple rinse with potable water.
- 4) Air dry and wrap exposed areas with plastic sheeting or a clean plastic garbage bag for transport and handling if equipment will not be used immediately.
- 5) Collect all rinsate and dispose of in a DOT-approved 55-gallon drum or holding tank.
- 6) Decontamination materials (e.g., plastic sheeting, tubing, etc.) that have come in contact with used decontamination fluids or sampling equipment will be disposed of in DOT-approved 55-gallon drums.

KEY CHECKS AND ITEMS

- Clean with solutions of Alconox and distilled water.
- If necessary, decontaminate the outside of filled sample bottles before relinquishing them to anyone.
- All materials generated during sampling (debris, PPE, decontamination liquids, etc.) will be placed in 55-gallon drums or rolloff bins for storage pending analysis and disposal off site.
- Document all decontamination procedures in the field log book. Prior to use of equipment during a sampling event, check log book to see that equipment was decontaminated, if not proceed with decontamination procedures prior to use. At the end of an event, tag equipment as decontaminated with initials and date. Remove the tag prior to use at the beginning of the next event. If at the beginning of a sampling event this tag is not visible or complete, proceed with decontamination of equipment.
- The effectiveness of field cleaning procedures will be monitored by rinsing decontaminated equipment (i.e. portable pump) with organic-free water and submitting the rinse water in standard sample containers for analysis. The minimum number of equipment blank samples will be at least one per team (per event), per piece of equipment decontaminated, during large-scale field sampling efforts.

SOP-A13

Measurement of Well Total Depth Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) addresses the procedures and equipment to be used for manually measuring the total depth (TD) at groundwater monitoring wells and supply wells. TD measurements will be recorded in the groundwater sampling forms (purge forms). These TD measurements will be included in the event-specific PST for each sampling event.

REQUIRED DOCUMENTS

- Event-specific “planned sampling and analysis table” (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction information (provided in PST).
- Previous TD data.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

- 1) Review event-specific PST or event-specific field instructions, HSP, previous sampling logs, and initiate field logbook for sampling activity.
- 2) Ensure that the water level meter has been decontaminated or decontaminate as needed following SOP-A12, *Decontamination of Water Sampling Equipment*.
- 3) If a transducer is present in the well and it is necessary to remove transducer to allow well access, refer to SOP-C1, *Temporary Removal and Replacement of Transducers*.

MEASUREMENT PROCEDURES

- 4) Place water level meter into well and lower until the bottom of the probe touches the bottom of the well. Note TD measurement to mark on well casing, if there is no mark on casing measure to the north. Repeat three times and record final TD to the nearest hundredth of a foot on the log. Also note the condition of the well bottom (i.e. hard bottom, soft bottom). Record well identification, time, date, and TD.
- 5) Compare TD measurement with previous data and note discrepancies on the sampling form. Repeat step #6 if an unexpected discrepancy is noted.
- 6) Decontaminate the entirety of the measuring tape, or any portion of the instrument that came in contact with water, following SOP-A12, *Decontamination of Water Sampling Equipment*.

Appendix C

Groundwater Field Parameters Measurements (Field notes provided at Geotracker website

http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Table C-1
Groundwater Field Parameter Measurements
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
BW-01D	04/16/2021	93.02	7.90	483	11	5.12	22.70	0.230	310	11.0
BW-01S	04/16/2021	93.44	7.60	549	8.0	4.34	23.70	0.270	350	15.0
C-01	04/08/2021	nm	7.00	4,890	2.0	7.69	21.00	2.630	3,170	2.2
C-02	04/08/2021	nm	6.90	3,470	2.0	7.76	22.50	1.830	1,260	62.0
C-03	04/08/2021	nm	7.00	3,990	3.0	6.98	22.40	2.060	2,520	60.0
C-04	04/08/2021	nm	7.60	3,630	2.0	0.21	22.50	1.920	2,370	-180.0
	04/15/2021	nm	7.10	4,270	2.0	3.26	23.10	2.230	2,540	43.0
CA-MW-107D	05/07/2021	98.61	7.20	1,240	4.0	0.81	22.10	0.620	800	-47.0
CA-MW-312D	04/19/2021	108.71	7.70	1,470	7.0	2.42	24.90	0.730	940	100.0
CA-MW-313R	04/19/2021	109.07	7.70	1,120	8.0	1.05	23.80	0.560	720	96.0
CA-MW-412D	04/19/2021	109.60	7.30	1,210	18	3.29	23.60	0.600	780	99.0
CA-MW-412D2	04/19/2021	104.61	7.30	693	6.0	2.31	23.90	0.330	440	49.0
CA-MW-510D	05/03/2021	105.76	7.30	1,510	14	1.22 FQ	22.10	0.760	970	-140.0
DW-02	04/15/2021	88.04	6.60	4,260	32	1.37	18.80	2.270	2,760	140.0
DW-03	04/15/2021	88.90	6.60	5,260	16	1.34	21.50	2.840	3,410	130.0
EX-02	04/07/2021	nm	7.20	3,550	2.0	7.21	19.70	1.870	2,300	57.0
EX-03	04/07/2021	nm	7.10	4,030	4.0	7.31	22.10	2.140	2,610	66.0
	06/03/2021	102.88	7.10	3,850	22	2.11	22.50	2.010	2,500	44.0
EX-04	04/07/2021	nm	7.10	3,870	9.0	4.93	25.00	2.040	2,510	65.0
EX-05	04/07/2021	nm	7.80	720	2.0	6.72	32.70	0.350	460	67.0
EX-15	05/06/2021	99.01	7.70	572	2.0	0.77	23.10	0.280	370	-67.0
EX-16	04/07/2021	nm	7.80	587	2.0	8.84	22.50	0.280	380	49.0
EX-17	04/07/2021	102.27	7.50	443	4.0	0.93	23.80	0.210	280	-39.0
EX-20	04/07/2021	nm	7.90	848	3.0	2.77	20.10	0.420	550	50.0
EX-21	04/07/2021	106.25	7.80	465	5.0	0.42	23.20	0.220	300	-140.0
EX-22	04/08/2021	nm	7.20	1,520	2.0	5.74	21.70	0.760	980	71.0
EX-23	04/12/2021	87.32	7.10	5,060	2.0	2.28	21.80	2.720	3,280	66.0
EX-25	04/08/2021	nm	7.30	2,910	2.0	5.15	21.20	1.510	1,880	100.0
EX-27	04/08/2021	nm	7.30	2,300	4.0	5.65	21.30	1.180	1,490	74.0
EX-29	04/07/2021	nm	7.60	1,300	2.0	6.64	22.10	0.650	840	90.0
EX-30	04/07/2021	nm	8.00	880	3.0	7.76	21.80	0.430	570	63.0

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Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
EX-31	04/07/2021	nm	7.10	2,930	4.0	8.27	22.30	1.520	1,900	54.0
EX-32	04/07/2021	104.55	7.60	2,180	2.0	4.52	22.80	1.120	1,410	36.0
EX-33	04/07/2021	nm	7.00	4,440	3.0	7.36	22.80	2.370	2,880	80.0
EX-34	04/07/2021	nm	7.40	1,950	3.0	6.83	21.50	0.990	1,260	62.0
EX-35	04/08/2021	nm	7.20	3,710	2.0	7.38	20.90	1.960	2,400	49.0
EX-36	04/06/2021	94.88	8.00	711	17	1.40	23.80	0.350	460	19.0
	06/01/2021	94.75	7.60	716	7.0	2.85	22.50	0.350	460	42.0
EX-37	04/07/2021	nm	7.40	1,460	2.0	6.71	23.40	0.740	930	54.0
EX-38	04/15/2021	nm	7.30	1,890	4.0	7.36	23.00	1.080	1,370	110.0
EX-39	04/13/2021	nm	7.30	1,410	2.0	1.27	21.20	0.710	910	52.0
EX-42	04/13/2021	nm	7.50	1,280	5.0	1.21	21.60	0.640	830	100.0
EX-50	04/13/2021	nm	7.20	1,350	4.0	1.18	21.30	0.680	870	160.0
EX-51	04/13/2021	nm	7.30	1,590	3.0	0.21	20.70	0.790	1,020	82.0
EX-52	04/13/2021	nm	7.40	1,690	2.0	3.09	20.00	0.860	1,090	88.0
EX-53	04/08/2021	nm	7.40	1,260	1.0	6.84	21.80	0.630	810	68.0
EX-55	04/15/2021	nm	7.00	2,090	4.0	4.80	19.80	1.070	1,350	95.0
EX-56	04/15/2021	nm	7.00	1,070	4.0	2.17	20.10	0.530	690	37.0
EX-60D	04/15/2021	nm	7.10	1,240	3.0	2.05	20.50	0.650	840	110.0
EX-61D	04/15/2021	nm	7.00	1,510	3.0	2.95	20.00	0.760	980	100.0
EX-62	04/08/2021	nm	7.50	2,030	1.0	8.96	21.20	1.040	1,310	26.0
EX-63	04/15/2021	nm	6.90	1,520	3.0	0.04	22.10	0.760	980	87.0
EX-64	04/15/2021	nm	7.00	1,290	2.0	0.16	21.30	0.640	830	69.0
EX-65	04/15/2021	nm	6.80	1,370	47	0.19	22.00	0.690	890	40.0
EX-66	05/06/2021	93.58	6.90	427	2.0	3.11	21.90	0.210	270	64.0
EX-68	04/15/2021	nm	7.30	1,480	2.0	1.66	20.40	0.750	960	97.0
EX-69	04/15/2021	nm	7.20	1,320	5.0	3.36	21.10	0.660	650	71.0
G-1R	04/08/2021	83.81	7.00	7,990	8.0	2.56	20.50	4.440	5,190	50.0
G-2R	04/08/2021	nm	7.00	5,230	3.0	6.18	19.70	2.830	3,400	110.0
G-5R	04/07/2021	nm	7.00	4,550	0.0	7.33	22.60	2.420	2,950	87.0
IW-01	04/07/2021	nm	7.30	2,230	3.0	7.22	20.70	1.150	1,450	75.0
IW-02	04/07/2021	nm	7.30	1,580	2.0	6.15	20.60	0.790	1,020	95.0

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IW-03	04/07/2021	nm	7.30	1,780	2.0	6.76	21.10	0.900	1,150	110.0
MW-01	04/22/2021	91.63	6.90	1,110	5.0	0.63	22.40	0.680	160	120.0
MW-03	04/22/2021	106.37	6.90	968	7.0	3.02	20.70	0.200	630	100.0
MW-04	04/19/2021	95.40	7.20	1,260	2.0	2.24	21.40	0.630	810	99.0
MW-05	04/19/2021	104.38	7.50	1,710	5.0	5.46	19.60	0.870	1,110	130.0
MW-09	04/12/2021	106.12	7.30	1,300	2.0	2.11	22.00	0.650	840	78.0
MW-10	04/08/2021	106.71	7.10	1,610	3.0	1.34	20.50	0.810	1,040	65.0
MW-11B	04/20/2021	94.54	7.20	1,600	5.0	0.22	22.80	0.810	1,040	48.0
MW-14B	04/13/2021	108.50	7.80	1,020	5.0	2.62	21.90	0.500	660	23.0
MW-15	04/22/2021	91.22	7.10	851	5.0	0.51	24.00	0.200	560	87.0
MW-16	04/12/2021	98.81	7.40	1,330	1.0	0.15	21.80	0.660	860	16.0
MW-17	04/22/2021	92.63	7.70	833	5.0	2.86	23.30	0.410	540	140.0
MW-20	04/22/2021	91.43	7.00	1,060	16	0.21	22.70	0.200	680	85.0
MW-21A	04/09/2021	99.19	7.00	3,870	2.0	4.64	23.70	2.040	2,510	50.0
MW-21B1	04/09/2021	103.50	7.40	1,610	6.0	3.93	23.50	0.810	1,040	31.0
MW-21C	04/09/2021	97.63	7.90	1,600	5.0	0.35	20.00	0.810	1,030	-18.0
MW-221S	04/08/2021	82.36	7.30	2,030	45	2.12	23.30	1.030	1,310	120.0
MW-226S	04/07/2021	76.69	7.50	893	5.0	4.82	23.80	0.330	590	130.0
MW-22B	04/12/2021	105.93	7.20	1,700	2.0	2.18	21.40	0.860	1,100	94.0
MW-23B	04/14/2021	104.87	7.40	963	4.0	5.46	22.10	0.470	620	110.0
MW-23C	04/14/2021	102.67	7.30	2,980	4.0	0.42	22.90	1.010	1,280	120.0
MW-27A	04/14/2021	106.72	7.30	1,960	1.0	1.64	21.20	1.000	1,270	35.0
MW-27B	04/14/2021	111.46	7.20	1,730	2.0	1.54	22.20	0.880	1,110	30.0
MW-28B	04/13/2021	102.73	7.40	1,180	2.0	1.65	22.40	0.590	760	32.0
MW-28C	04/13/2021	99.95	7.30	1,120	9.0	1.28	24.10	0.560	720	-10.0
MW-29	04/14/2021	93.79	7.40	1,150	19	2.50	23.40	0.570	740	39.0
MW-30B2	04/14/2021	104.89	7.30	1,670	4.0	1.20	20.90	0.850	1,090	33.0
MW-31	04/08/2021	102.38	7.10	4,260	2.0	2.27	21.20	2.270	2,760	93.0
MW-31C	04/08/2021	96.11	7.10	5,380	2.0	2.28	21.30	2.910	3,490	96.0
MW-32B1	04/09/2021	102.41	7.70	1,130	5.0	5.38	20.80	0.570	730	110.0
MW-32S	04/09/2021	83.72	6.90	4,360	23	8.62	20.40	2.320	2,850	140.0

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MW-34	04/14/2021	95.38	8.10	1,190	5.0	0.18	24.00	0.590	770	-68.0
MW-36	04/16/2021	103.00	7.50	791	5.0	0.69	21.50	0.390	510	-16.0
MW-37	04/16/2021	108.20	7.50	773	11	1.42	22.60	0.380	500	49.0
MW-38B	05/06/2021	114.80	7.30	784	7.0	5.35	23.60	0.380	500	59.0
MW-39	04/22/2021	93.75	6.80	968	4.0	0.38	22.70	0.480	630	-33.0
MW-39D	04/22/2021	91.05	7.00	891	5.0	0.61	22.40	0.440	570	51.0
MW-41S	04/14/2021	88.59	7.30	1,650	46	4.08	25.10	0.830	1,070	29.0
MW-42B1	04/08/2021	104.61	7.10	4,160	3.0	2.15	23.40	2.200	2,690	110.0
MW-42B2	04/08/2021	104.42	7.10	4,540	8.0	2.25	22.70	2.420	2,950	110.0
MW-42C	04/08/2021	98.64	7.20	2,160	13	1.62	23.20	1.120	1,420	92.0
MW-43	04/08/2021	103.64	7.10	4,090	3.0	2.25	22.30	2.170	2,650	98.0
MW-44B	04/15/2021	110.60	7.40	804	3.0	1.32	26.00	0.390	520	26.0
MW-45A	04/07/2021	101.43	7.30	642	15	1.72	24.60	0.310	410	100.0
MW-45B	04/07/2021	101.24	7.30	725	5.0	0.77	24.50	0.350	460	89.0
MW-47	04/07/2021	92.41	7.40	760	5.0	1.36	24.40	0.370	490	21.0
MW-49A	04/08/2021	100.01	7.10	1,380	5.0	6.66	21.50	0.510	970	180.0
MW-49B	04/08/2021	101.31	7.00	1,570	3.0	3.27	21.10	0.690	1,110	180.0
MW-49S	04/08/2021	95.41	7.30	1,650	36	5.26	21.20	0.210	1,090	180.0
MW-50B	04/14/2021	104.61	7.60	927	9.0	1.33	23.20	0.460	600	4.4
	06/03/2021	106.95	7.30	1,010	5.0	3.11	22.50	0.500	660	82.0
MW-50S	04/14/2021	85.92	7.20	2,120	18	3.97	25.20	1.080	1,370	38.0
MW-55A	04/09/2021	97.64	7.90	1,690	7.0	2.07	22.80	0.880	1,140	92.0
MW-55C	04/09/2021	88.46	7.90	656	2.0	0.17	22.40	0.320	420	-150.0
MW-55S	04/09/2021	82.84	6.90	4,910	28	5.60	22.80	2.630	3,180	110.0
MW-56	04/14/2021	105.95	7.30	1,340	2.0	3.69	22.90	0.670	870	39.0
MW-57	04/08/2021	83.13	7.70	550	1.0	5.01	24.00	0.160	350	130.0
MW-57D	04/08/2021	80.59	7.80	569	8.0	4.74	23.50	0.160	380	130.0
MW-58	04/15/2021	90.78	7.30	648	7.0	1.42	22.70	0.320	420	27.0
MW-62A	04/15/2021	102.01	6.90	3,760	5.0	3.16	21.70	1.990	2,450	120.0
MW-62C	04/14/2021	93.19	7.40	2,410	3.0	1.29	23.20	1.240	1,560	-58.0
MW-66A	04/07/2021	94.00	7.20	1,270	3.0	1.01	23.70	0.630	820	88.0

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Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
MW-67B	04/05/2021	110.64	7.80	437	6.0	3.12	24.30	0.210	290	3.8
MW-68C	04/09/2021	92.33	7.70	1,180	5.0	0.11	23.00	0.240	790	-6.8
MW-68D	04/09/2021	100.33	6.90	4,870	17	5.03	21.60	2.210	3,380	140.0
MW-68S	04/09/2021	88.11	6.80	5,110	7.0	3.06	23.00	2.160	3,450	150.0
MW-69D	04/14/2021	90.51	6.60	5,230	8.0	1.43	23.20	2.820	3,390	120.0
MW-69S	04/14/2021	85.05	6.70	6,680	9.0	0.95	23.60	3.650	4,320	120.0
MW-70D	04/09/2021	92.17	7.30	1,700	9.0	1.17	22.20	0.330	1,350	120.0
MW-70S	04/09/2021	82.91	6.70	6,060	7.0	2.61	22.10	2.210	4,160	140.0
MW-71D	04/09/2021	92.26	8.00	529	29	0.06	22.80	0.250	340	-32.0
MW-71S	04/09/2021	85.89	6.80	6,290	39	4.95	23.70	3.410	4,060	55.0
MW-72S	04/14/2021	84.52	7.30	2,220	14	4.66	24.30	1.120	1,430	38.0
MW-73D	04/16/2021	103.50	7.40	552	8.0	5.21	23.90	0.270	350	92.0
MW-74D	04/16/2021	111.87	7.70	644	6.0	1.65	25.40	0.310	410	-6.9
	06/04/2021	111.51	7.40	638	6.0	2.11	23.90	0.310	410	49.0
MW-74D2	04/16/2021	110.97	7.80	416	4.0	0.31	23.80	0.200	270	-11.0
MW-75D	05/06/2021	107.41	7.40	786	25	4.06	22.60	0.380	510	14.0
MW-76S	04/07/2021	105.69	7.50	700	48	1.31	24.70	0.340	450	27.0
MW-78S	04/21/2021	88.41	7.40	480	7.0	4.84	23.10	0.230	310	92.0
MW-79S	04/15/2021	83.11	6.90	2,070	18	5.05	23.20	0.800	1,340	90.0
MW-80S	04/15/2021	82.81	7.00	1,930	22	2.28	23.90	0.750	1,250	93.0
MW-83D	04/14/2021	88.64	7.00	5,730	12	2.02	23.40	3.080	3,710	13.0
MW-83S	04/14/2021	88.72	7.00	5,460	23	1.97	22.90	2.950	3,550	22.0
	06/03/2021	88.75	7.00	4,670	20	4.48	24.30	2.490	3,030	84.0
MW-84D	04/09/2021	84.52	7.50	1,790	28	0.90	22.30	0.910	1,160	49.0
MW-84S	04/09/2021	81.31	7.10	5,820	13	3.59	23.20	3.160	3,780	59.0
MW-85D	04/09/2021	87.61	7.50	434	45	1.70	22.50	0.210	280	-85.0
MW-85S	04/09/2021	80.59	7.00	9,390	20	3.68	23.20	5.290	6,120	23.0
MW-86D	04/15/2021	95.14	7.40	686	7.0	0.82	23.10	0.200	440	90.0
MW-86S	04/15/2021	87.02	7.00	1,920	33	4.70	22.00	0.880	1,240	94.0
MW-87D	04/15/2021	94.22	7.20	910	6.0	3.02	23.20	0.100	590	96.0
MW-87S	04/15/2021	82.31	7.40	1,890	10	2.77	23.90	0.800	1,230	93.0

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MW-88D	04/15/2021	99.00	7.20	826	25	1.68	22.90	0.200	530	96.0
MW-88S	04/15/2021	85.80	6.80	1,820	44	1.28	21.30	0.700	1,180	100.0
MW-89D	04/12/2021	87.41	7.20	2,760	4.0	1.57	23.60	1.460	1,830	100.0
MW-89S	04/12/2021	80.62	7.00	5,800	17	1.74	24.40	3.170	3,780	98.0
MW-90C	04/07/2021	98.20	7.20	2,750	8.0	1.01	22.70	1.420	1,780	120.0
	06/03/2021	99.23	7.40	2,960	7.0	1.79	23.70	1.540	1,930	74.0
MW-91C	04/13/2021	99.85	7.50	672	14	2.14	23.60	0.330	430	-78.0
MW-92C	04/13/2021	98.34	7.20	2,100	11	1.05	24.90	1.070	1,360	41.0
MW-93C	04/07/2021	102.79	7.50	442	10	0.90	25.50	0.210	280	-66.0
MW-94S	04/14/2021	80.36	7.40	2,050	13	4.11	23.40	1.050	1,330	31.0
MW-95S	04/12/2021	93.52	7.00	1,750	45	4.29	24.30	0.880	1,130	120.0
MW-96S	04/12/2021	82.03	7.60	584	10	4.18	24.30	0.030	380	140.0
MW-97S	04/14/2021	87.09	9.80	383	7.0	3.41	24.00	0.180	240	55.0
MW-98C	04/07/2021	98.20	7.50	635	9.0	1.04	25.20	0.310	410	-2.3
MW-99C	04/13/2021	99.77	7.60	680	2.0	1.05 FQ	23.40	0.320	420	-100.0
MW-100C	04/15/2021	100.02	6.80	2,460	8.0	4.28	23.40	1.270	1,590	100.0
MW-101D	04/15/2021	96.64	7.20	2,810	17	2.19	25.40	1.450	1,820	52.0
MW-102D	04/12/2021	101.79	7.20	1,020	5.0	4.31	22.00	0.500	660	98.0
MW-102S	04/12/2021	96.86	6.80	1,880	41	2.17	24.00	0.950	1,220	110.0
MW-103D	04/12/2021	98.58	7.20	1,790	6.0	1.35	22.10	0.910	1,160	110.0
MW-104S1	04/07/2021	77.12	7.50	821	12	5.71	24.40	0.230	540	150.0
MW-105D	04/05/2021	82.17	8.30	435	28	0.10	24.70	0.210	280	-60.0
MW-105S	04/05/2021	79.02	7.50	1,370	31	3.01	27.00	0.680	800	24.0
	06/03/2021	79.12	7.30	1,370	9.0	4.89	24.80	0.680	890	91.0
MW-106S	04/07/2021	79.09	7.70	810	9.0	3.99	24.70	0.280	530	130.0
MW-107S	04/14/2021	79.28	7.70	1,200	14	3.30	23.00	0.600	780	15.0
MW-108D	04/13/2021	102.75	7.30	863	4.0	1.92	24.90	0.420	560	17.0
MW-109	04/13/2021	98.23	7.40	1,760	12	1.47	23.20	0.890	1,140	40.0
MW-110D	04/13/2021	89.64	7.40	766	7.0	3.38	23.00	0.370	490	28.0
MW-110S	04/13/2021	80.06	7.60	1,610	37	2.21	23.80	0.810	1,040	41.0
	06/03/2021	80.11	7.50	1,640	9.0	3.11	24.50	0.810	1,050	59.0

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MW-111S1	04/05/2021	75.69	7.50	745	5.0	0.96	24.90	0.360	480	35.0
MW-112S	04/12/2021	83.63	7.10	2,030	25	5.88	23.70	0.450	1,360	160.0
MW-113S1	04/05/2021	73.46	7.30	579	13	1.37	24.60	0.280	380	34.0
MW-115D	04/14/2021	88.98	7.70	384	7.0	1.37	22.60	0.180	240	70.0
MW-115S	04/14/2021	65.81	7.60	821	8.0	1.83	22.80	0.420	540	78.0
MW-116D1	04/12/2021	92.59	7.10	1,500	6.0	2.94	23.60	0.180	1,000	190.0
MW-117S1	04/08/2021	81.44	7.70	1,950	25	1.30	27.00	0.980	1,250	-10.0
MW-118S	04/08/2021	76.82	7.50	914	24	5.34	24.40	0.270	600	150.0
MW-121D	04/06/2021	94.50	7.90	672	38	1.91	26.20	0.330	430	10.0
	06/01/2021	94.50	7.60	670	6.0	4.34	23.50	0.330	430	92.0
MW-121S	04/06/2021	92.92	7.70	1,410	27	2.27	22.10	0.710	910	23.0
MW-122D	04/15/2021	99.40	7.60	544	11	1.00	25.70	0.260	350	-24.0
MW-123S2	04/05/2021	78.64	7.30	3,000	9.0	0.50	25.60	1.560	1,950	39.0
	06/02/2021	78.41	7.20	2,870	9.0	4.13	24.10	1.480	1,850	82.0
MW-124D	04/07/2021	82.64	8.10	602	3.0	0.40	23.70	0.290	390	-40.0
MW-124S1	04/07/2021	77.12	7.80	782	11	2.80	25.20	0.380	500	5.0
	06/02/2021	77.16	7.60	818	5.0	3.78	23.10	0.400	630	94.0
MW-124S2	04/07/2021	77.33	7.80	1,140	11	3.17	23.90	0.570	740	10.0
MW-125S1	04/07/2021	77.35	7.40	2,850	6.0	3.50	26.70	1.460	1,840	30.0
MW-126S1	04/08/2021	83.03	7.20	3,720	20	3.23	26.30	1.960	2,410	33.0
MW-126S2	04/08/2021	83.16	7.10	4,040	6.0	1.18	24.60	2.140	2,620	22.0
	06/02/2021	83.10	7.00	4,020	6.0	3.01	23.20	2.130	2,610	73.0
MW-127S1	04/08/2021	83.00	7.00	5,130	35	2.07	27.30	2.750	3,320	30.0
MW-127S2	04/08/2021	83.23	7.10	4,620	35	1.99	25.10	2.470	3,000	29.0
MW-128S1	04/05/2021	80.11	7.30	2,010	46	2.86	27.90	1.020	1,300	32.0
MW-128S2	04/05/2021	80.31	7.20	2,980	34	2.34	25.40	1.540	1,930	30.0
	06/03/2021	80.25	7.10	2,930	8.0	4.56	23.60	1.520	1,900	83.0
MW-128S3	04/05/2021	80.20	7.60	1,760	11	2.49	24.80	0.890	1,130	21.0
MW-130S2	04/06/2021	78.08	7.80	680	6.0	6.92	24.20	0.320	420	71.0
MW-131S1	04/06/2021	67.80	7.90	1,010	7.0	6.09	24.20	0.490	630	67.0
	06/02/2021	67.70	7.60	1,040	7.0	4.58	23.90	0.510	670	100.0
MW-133S1	04/19/2021	69.97	7.80	480	22	3.95	21.90	0.230	310	77.0

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MW-136S1	04/05/2021	69.55	8.20	548	6.0	2.77	25.20	0.260	350	12.0
MW-137S3	04/08/2021	63.33	8.00	423	4.0	1.40	24.20	0.200	270	110.0
MW-138S1	04/12/2021	64.89	7.40	485	5.0	2.24	22.80	0.230	310	100.0
MW-139S1	04/07/2021	68.22	7.80	754	7.0	4.61	23.40	0.180	510	150.0
MW-140S1	04/07/2021	72.82	7.70	517	23	4.97	23.90	0.140	340	140.0
MW-141S2	04/07/2021	71.11	8.00	442	8.0	3.49	24.00	0.110	290	110.0
MW-142S2	04/07/2021	70.73	7.70	668	10	2.97	23.30	0.190	450	130.0
MW-143D2	04/12/2021	101.18	7.50	1,360	7.0	4.08	21.70	0.680	840	110.0
MW-146D1	04/14/2021	97.51	6.70	1,560	13	5.10	21.70	0.690	1,090	120.0
MW-147D	04/12/2021	82.55	7.50	671	9.0	3.43	22.70	0.330	430	52.0
MW-147S	04/12/2021	81.57	7.20	1,830	9.0	5.26	23.70	0.930	1,180	100.0
MW-148S	04/13/2021	82.29	7.40	1,420	34	4.33	22.80	0.710	920	130.0
MW-153S	04/06/2021	92.22	7.70	947	5.0	2.20	25.00	0.460	610	14.0
	06/01/2021	92.26	7.50	847	4.0	3.89	23.90	0.410	550	88.0
MW-154S1	04/19/2021	68.87	8.60	554	56	3.00	23.80	0.270	360	-34.0
MW-155D	04/16/2021	105.14	7.60	415	10	0.08	24.50	0.200	270	-40.0
MW-155S	04/16/2021	113.39	7.60	936	5.0	4.47	25.70	0.460	600	7.4
MW-156S	04/05/2021	78.18	7.00	1,360	9.0	0.53	23.20	0.300	920	60.0
MW-157S	04/05/2021	76.63	7.40	1,440	7.0	7.12	23.90	0.710	950	190.0
	06/01/2021	76.89	7.40	1,770	3.0	4.58	22.80	0.600	1,150	96.0
MW-164D	04/06/2021	79.72	7.80	688	11	0.99	22.00	0.340	440	69.0
MW-164S	04/06/2021	78.71	7.40	2,160	7.0	3.55	23.10	1.110	1,400	69.0
MW-166S1	04/07/2021	59.48	8.50	835	1.0	0.25	24.00	0.410	540	-64.0
MW-168S	04/13/2021	88.45	7.00	1,840	4.0	1.85	23.20	0.930	1,190	140.0
MW-169S2	04/13/2021	88.51	7.40	1,050	7.0	2.53	23.30	0.520	680	97.0
MW-170S	04/14/2021	86.42	7.10	6,210	48	1.60	23.80	3.360	4,030	26.0
MW-171S	04/08/2021	77.98	7.90	919	3.0	5.05	23.40	0.450	590	32.0
MW-172S1	04/08/2021	74.42	7.90	775	6.0	3.77	24.20	0.380	500	17.0
	06/03/2021	74.32	7.50	788	5.0	4.97	23.40	0.380	510	89.0
MW-172S2	04/08/2021	75.20	8.10	660	46	1.59	23.70	0.320	420	-32.0
MW-173S1	04/06/2021	64.88	7.70	847	10	2.28	22.30	0.420	550	15.0

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MW-174S1	04/06/2021	77.41	7.90	818	5.0	3.01	25.30	0.400	530	16.0
	06/02/2021	77.32	7.50	814	5.0	4.45	23.20	0.400	520	96.0
MW-175S1	04/14/2021	70.41	7.50	934	5.0	4.44	23.10	0.460	600	82.0
MW-177D	04/16/2021	95.76	7.30	554	8.0	2.41	24.50	0.270	350	43.0
MW-177S	04/16/2021	95.83	7.30	590	5.0	3.41	24.80	0.280	380	47.0
MW-178D	04/16/2021	96.51	7.00	1,720	28	1.81	22.80	0.870	1,110	48.0
MW-178S	04/16/2021	98.42	7.20	1,560	3.0	1.75	23.00	0.790	1,010	51.0
MW-179D	04/12/2021	103.33	7.30	812	1.0	4.50	23.00	0.400	530	72.0
MW-180RD	04/12/2021	92.13	7.10	1,380	2.0	0.21	25.10	0.690	890	23.0
MW-180RS	04/12/2021	94.51	7.10	1,560	5.0	3.78	26.10	0.780	1,010	59.0
MW-182D	05/03/2021	110.18	7.30	831	7.0	5.28	23.90	0.400	630	98.0
MW-183D	05/03/2021	109.61	7.20	1,010	8.0	5.09	24.00	0.500	650	100.0
MW-184S2	04/06/2021	101.89	8.90	588	8.0	3.93	25.40	0.280	380	43.0
	06/02/2021	101.82	8.40	630	6.0	3.82	27.50	0.300	400	80.0
MW-185S3	04/06/2021	73.49	7.90	509	5.0	5.15	22.50	0.150	340	150.0
MW-186S2	04/06/2021	93.78	8.40	484	5.0	7.19	23.50	0.230	310	59.0
	06/02/2021	93.77	7.70	498	5.0	4.32	23.10	0.240	320	110.0
MW-188S1	04/06/2021	68.75	8.20	634	5.0	2.21	25.30	0.300	410	120.0
MW-192D	04/14/2021	90.82	7.10	1,470	8.0	4.12	22.10	0.740	940	110.0
MW-193S1	04/06/2021	71.73	7.90	570	6.0	3.16	24.40	0.160	380	140.0
MW-194S1	04/06/2021	78.54	8.60	653	7.0	1.64	24.30	0.320	420	43.0
	06/02/2021	78.16	7.90	678	6.0	3.05	23.20	0.330	440	82.0
MW-195S1	04/06/2021	77.24	8.90	577	3.0	3.08	25.00	0.280	370	29.0
MW-196S1	04/06/2021	72.13	8.20	526	4.0	4.93	22.70	0.200	370	140.0
MW-197S1	04/07/2021	53.65	8.60	1,510	20	1.99	22.20	0.760	980	-20.0
MW-199S1	04/13/2021	71.42	7.30	1,400	30	0.92	23.40	0.520	940	160.0
MW-200S3	04/14/2021	66.17	9.60	519	5.0	0.04	22.50	0.250	330	32.0
MW-201S	04/06/2021	83.76	7.90	780	20	2.51	24.50	0.380	500	16.0
MW-202S	04/06/2021	89.91	7.90	553	31	2.59	25.30	0.270	350	15.0
	06/04/2021	90.01	7.70	590	36	3.71	25.10	0.230	400	96.0
MW-203D	04/06/2021	69.38	7.80	1,170	13	0.97	21.00	0.580	760	61.0

Table C-1
Groundwater Field Parameter Measurements
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
MW-205S2	04/06/2021	70.31	8.30	474	5.0	7.19	23.20	0.230	300	72.0
MW-206S	04/09/2021	80.88	7.00	9,230	10	3.09	22.50	5.170	5,990	38.0
MW-207S2	04/08/2021	61.22	8.70	458	7.0	1.20	22.30	0.160	310	74.0
MW-208S	04/15/2021	93.23	7.20	1,550	3.0	1.19	24.20	0.780	1,000	34.0
MW-209S	04/15/2021	98.81	7.20	2,340	2.0	1.29	24.30	1.200	1,520	10.0
MW-210S	04/15/2021	101.62	7.30	1,740	3.0	1.17	24.10	0.880	1,130	27.0
MW-211S	04/15/2021	101.52	7.30	1,340	21	1.30	23.50	0.670	870	27.0
MW-212S1	04/06/2021	93.03	7.70	711	6.0	4.60	25.30	0.240	460	150.0
MW-213D	04/06/2021	99.84	7.40	547	3.0	0.92	24.00	0.270	350	-100.0
MW-213S	04/06/2021	87.69	7.20	1,400	46	4.88	24.70	0.700	910	14.0
MW-214D	04/06/2021	94.00	7.60	460	4.0	0.92	25.10	0.220	290	-25.0
MW-214S	04/06/2021	82.09	7.30	461	5.0	1.15	24.20	0.220	300	10.0
MW-215D	04/06/2021	94.68	7.50	488	14	1.15	25.80	0.230	310	17.0
MW-215S	04/06/2021	72.95	7.50	427	4.0	0.37	25.80	0.200	270	7.5
MW-216D	04/06/2021	93.29	7.30	1,290	47	1.51	25.20	0.640	830	33.0
MW-217D	04/22/2021	84.97	7.60	402	7.0	0.19	22.40	0.190	260	-78.0
MW-217S	04/22/2021	84.98	7.30	794	9.0	1.68	23.10	0.380	520	-66.0
MW-218D	04/16/2021	92.30	7.20	809	6.0	5.02	20.10	0.400	520	92.0
MW-218S	04/16/2021	94.27	7.20	1,030	9.0	5.44	16.40	0.510	660	120.0
MW-219S1	04/14/2021	70.46	7.70	504	5.0	2.64	23.30	0.240	320	81.0
MW-220D	04/05/2021	92.36	7.60	475	5.0	1.42	23.40	0.230	310	-50.0
MW-220S	04/05/2021	105.87	7.30	1,030	8.0	0.95	23.20	0.510	660	5.3
PMW-02	04/21/2021	107.13	6.80	971	3.0	2.49	22.70	0.090	630	72.0
PMW-03	04/21/2021	101.72	6.90	1,140	4.0	0.17	22.00	0.150	730	-85.0
PMW-05	04/21/2021	90.39	6.90	1,090	4.0	0.15	22.40	0.100	710	76.0
PT2-MW-10	04/21/2021	95.21	7.80	996	7.0	4.37	22.90	0.490	650	93.0
SA-MW-01S	05/06/2021	91.91	7.30	1,100	15	4.42	22.30	0.550	720	-39.0
SA-MW-05D	05/06/2021	89.58	7.50	982	6.0	0.14	24.40	0.480	630	-29.0
SA-MW-06S	05/06/2021	92.21	7.40	867	15	1.32	24.50	0.430	560	-50.0
SA-MW-07D	05/06/2021	90.78	7.60	721	25	2.54	24.80	0.350	460	-54.0
SA-MW-09S	05/06/2021	89.35	7.30	1,070	10	0.51	26.70	0.530	690	-59.0

Table C-1
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
SA-MW-10D	05/06/2021	89.22	7.20	863	22	2.17	24.30	0.420	550	-28.0
SA-MW-11S	04/21/2021	97.18	7.50	1,470	6.0	5.24	20.00	0.380	500	64.0
SA-MW-16S	04/05/2021	99.41	7.60	547	7.0	5.48	22.60	0.200	370	150.0
SA-MW-17S	04/15/2021	98.00	7.80	723	19	5.01	22.40	0.350	460	34.0
SA-MW-20D	05/06/2021	92.26	7.30	1,020	8.0	0.21	26.40	0.500	650	-150.0
SA-MW-25D	04/23/2021	104.06	7.60	976	6.0	5.28	22.30	0.440	580	69.0
SA-MW-26D	05/06/2021	92.12	7.90	520	9.0	2.75	23.00	0.250	330	35.0
SA-MW-26S	05/06/2021	95.89	7.40	1,010	8.0	0.73	22.50	0.500	650	-47.0
SA-MW-27D	04/13/2021	100.18	7.70	781	30	3.15	25.50	0.380	500	24.0
SA-MW-34S	04/22/2021	83.41	6.60	1,190	8.0	0.30	24.10	0.300	770	110.0
SA-MW-37D	04/22/2021	100.68	7.20	879	5.0	1.73	23.30	0.440	570	42.0
SA-MW-38D	05/06/2021	103.61	7.50	622	8.0	5.69	23.90	0.300	400	81.0
SA-MW-38S	05/06/2021	97.71	7.30	922	5.0	4.79	23.50	0.450	590	97.0
SA-MW-39D	04/13/2021	85.66	7.60	1,060	5.0	1.36	26.20	0.520	680	3.4
SA-MW-39S	04/13/2021	85.85	7.40	1,750	4.0	0.15	25.00	0.880	1,130	-68.0
SA-RW-25	04/20/2021	nm	6.80	1,250	1.0	4.46	21.80	0.020	300	94.0
SA-SM-01S	04/22/2021	93.78	7.00	1,160	7.0	0.86	22.10	0.580	750	-120.0
SA-SM-02S	04/22/2021	94.14	7.40	552	6.0	0.56	21.80	0.270	350	-14.0
SA-SM-03SR	04/22/2021	96.64	7.30	892	33	0.57	24.40	0.440	870	-130.0
SA-SM-08D	04/22/2021	86.54	7.30	1,100	12	0.21	22.90	0.540	710	-250.0
SC-MW-01D	04/21/2021	104.80	7.60	946	5.0	4.52	21.60	0.470	610	130.0
SC-MW-02D	05/07/2021	106.64	7.20	1,890	22	4.30	22.00	0.970	1,230	-23.0
SC-MW-03D	05/07/2021	106.85	7.40	1,040	11	5.07	22.20	0.520	670	-22.0
SC-MW-04D	05/07/2021	105.81	7.60	1,080	6.0	5.19	20.60	0.550	710	91.0
SC-MW-05D	04/23/2021	102.87	7.40	1,030	9.0	5.97	21.00	0.510	670	75.0
SC-MW-06D	04/23/2021	101.01	7.30	1,420	7.0	3.61	21.80	0.710	910	76.0
SC-MW-06S	04/23/2021	100.08	7.20	1,580	6.0	4.97	21.50	0.800	1,020	86.0
SC-MW-07D	05/07/2021	99.88	7.50	1,430	5.0	4.25	21.40	0.720	930	89.0
SC-MW-07S	05/07/2021	99.86	7.40	1,580	7.0	4.31	22.30	0.790	1,020	79.0
SC-MW-09D	05/06/2021	107.55	7.50	1,320	5.0	4.07	24.20	0.650	850	61.0
SC-MW-10D	04/23/2021	104.14	7.00	1,200	9.0	5.06	21.90	0.330	780	94.0

Table C-1
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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
SC-MW-10S	04/23/2021	101.72	7.00	992	18	5.26	22.90	0.240	640	93.0
SC-MW-11D	04/15/2021	99.63	7.70	408	9.0	0.06	24.60	0.190	260	-46.0
SC-MW-11SR	04/15/2021	99.51	7.60	1,120	40	4.70	26.90	0.550	720	27.0
SC-MW-12S	04/15/2021	94.42	7.50	1,090	34	4.44	21.30	0.540	700	17.0
SC-MW-13D	04/15/2021	96.33	7.80	468	2.0	1.85	24.80	0.220	300	-7.8
SC-MW-13S	04/15/2021	93.20	7.10	1,380	7.0	3.49	19.30	0.690	890	23.0
SC-MW-21S	04/20/2021	93.27	6.90	1,750	17	4.56	26.60	0.700	1,140	110.0
SC-MW-26D	04/20/2021	98.18	7.40	1,300	6.0	0.47	21.30	0.650	830	52.0
X-04	04/15/2021	nm	7.00	1,100	2.0	0.04	22.30	0.550	710	94.0
X-05	04/15/2021	nm	6.90	1,010	3.0	3.12	23.40	0.500	660	71.0
X-06	04/13/2021	nm	7.60	1,030	3.0	7.03	23.70	0.500	650	96.0
X-09	04/15/2021	nm	7.20	1,760	4.0	1.08	24.90	0.900	1,150	90.0
X-12	04/13/2021	nm	7.30	1,970	3.0	1.03	22.30	1.010	1,280	110.0
X-13	04/13/2021	nm	7.40	1,570	4.0	0.92	21.50	0.780	1,010	74.0
Y-01	04/08/2021	nm	6.20	4,070	2.0	7.67	23.20	2.160	2,630	59.0
Y-03	04/08/2021	nm	7.10	4,540	3.0	9.80	22.60	2.400	2,930	83.0

Abbreviations:

µS/cm = microsiemens per centimeter

°C = degrees celcius

ft = feet

FQ = Field measurement qualified as questionable due to reading outside expected range.

mg/L = milligrams per liter

mV = millivolts

nm = parameter was not measured

NTU = nephelometric turbidity units

ORP = oxidation reduction potential

ppt = parts per thousand

Well ID	01-01A	Date	4/9/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 250	Casing Diameter (in.) 6
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
Well Casing Material	PVC	Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:09	300	1	--	--	5	7.34	801	2	5.76	18.7	60.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	01-01A-Q221	Sample Time:	10:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

01-01A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	02-02A	Date	4/5/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	160 to 230	Casing Diameter (in.) 8
		Well Casing Material	PVC	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:09	300	1	--	--	5	7.63	450	2	0.83	22.1	54.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	02-02A-Q221	Sample Time:	13:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium), SW 6020/6010B (dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

02-02A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	02-02B	Date	4/5/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	150 to 250	Casing Diameter (in.) 5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:44	300	1	--	--	5	7.66	451	2	1.5	22.2	63.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	02-02B-Q221	Sample Time:	12:45	Field Filtered?	yes
Duplicate ID:	MW-935-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium), SW 6020/6010B (dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

02-02B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	02-23	Date	4/5/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 5 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:29	300	1	--	--	5	7.52	476	2	3.8	22.3	65.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	02-23-Q221	Sample Time:	12:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium), SW 6020/6010B (dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

02-23



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	22-103	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 5 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:09	300	1	--	--	5	7.38	1355	2	4.98	21	73.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	22-103-Q221	Sample Time:	08:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

22-103



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	22-48	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 6 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:09	200	1	--	--	5	7.76	807	2	4.78	20.7	47.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	22-48-Q221	Sample Time:	12:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

22-48



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	22-60	Date	4/15/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	5
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:14	300	1	--	--	5	7.65	1117	2	4.93	20.6	98.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	22-60-Q221	Sample Time:	09:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

22-60



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	22-75	Date	4/8/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 147
		Casing Diameter (in.)	6
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:49	300	1	--	--	5	7.44	1114	2	5.11	20.6	56.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	22-75-Q221	Sample Time:	08:50	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

22-75



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	22-82	Date	4/8/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	5
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:29	300	1	--	--	5	7.56	1100	2	5.34	20.9	43.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	22-82-Q221	Sample Time:	08:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

22-82



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	23-30	Date	4/7/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	0 to 0
		Casing Diameter (in.)	5
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:59	300	1	--	--	5	6.96	4860	2	2.03	20.9	958

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	23-30-Q221	Sample Time:	08:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

23-30



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	25-16	Date	4/6/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	0 to 0
		Casing Diameter (in.)	4
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:09	300	1	--	--	5	7.37	1142	2	5.48	20.9	98.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	25-16-Q221	Sample Time:	10:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

25-16



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	27-16	Date	4/9/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	59 to 116
		Casing Diameter (in.)	5
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:29	300	1	--	--	5	7.61	956	2	4.46	21	79.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	27-16-Q221	Sample Time:	07:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

27-16



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	27-26	Date	4/9/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 130	Casing Diameter (in.) 6
		Well Casing Material	PVC	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:49	300	1	--	--	5	7.55	825	2	5.84	21.3	97.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	27-26-Q221	Sample Time:	07:50	Field Filtered?	yes
Duplicate ID:	MW-954-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

27-26



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	27-42	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	124 to 204	Casing Diameter (in.) 6
		Well Casing Material	PVC	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:19	300	1	--	--	5	7.58	926	2	5.68	21.8	88.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	27-42-Q221	Sample Time:	09:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

27-42



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	27-43	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 5 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:39	300	1	--	--	5	7.47	1034	2	4.32	21.6	90.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	27-43-Q221	Sample Time:	09:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

27-43



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	27-48	Date	6/1/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 5 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:49	500	1	--	--	5	7.68	508	2	4.13	21.9	78.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	27-48-RE-0621	Sample Time:	12:50	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

27-48



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	27-49	Date	6/1/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 5 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:39	500	1	--	--	5	7.65	568	2	3.98	22.1	97.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	27-49-RE-0621	Sample Time:	12:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

27-49



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	28-20	Date	4/7/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	5
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:14	300	1	--	--	5	7.79	974	2	5.43	21.5	90.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	28-20-Q221	Sample Time:	10:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

28-20



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	28-22	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 5 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:39	300	1	--	--	5	7.54	3388	2	4.37	21.8	96.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	28-22-Q221	Sample Time:	09:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

28-22



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	28-36	Date	4/7/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 165
		Casing Diameter (in.)	6
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:59	300	1	--	--	5	7.76	782	2	0.31	21.3	-48.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	28-36-Q221	Sample Time:	09:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PHOTO LOG

28-36



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	28-40	Date	4/7/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	5
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:34	300	1	--	--	5	7.81	933	1	2.61	21.4	86.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	28-40-Q221	Sample Time:	08:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

28-40



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	28-75	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 5 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:14	300	1	--	--	5	7.25	2092	3	2.36	21.2	97.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	28-75-Q221	Sample Time:	11:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

28-75



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	28-82	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 5 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:54	300	1	--	--	5	7.57	2389	2	4.65	21.7	96.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	28-82-Q221	Sample Time:	10:55	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

28-82



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	28N-04	Date	4/12/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	8
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:39	300	1	--	--	5	7.1	2619	2	0.35	21.6	-45.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	28N-04-Q221	Sample Time:	09:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

28N-04



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	28N-05	Date	4/12/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	8
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:19	300	1	--	--	5	7.65	1218	2	4.67	20.3	89.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	28N-05-Q221	Sample Time:	09:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

28N-05



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	30E-12	Date	4/6/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	6
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:44	300	1	--	--	5	7.53	760	2	5.39	20.5	69.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	30E-12-Q221	Sample Time:	09:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

30E-12



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	31E-07	Date	4/6/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	5
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:14	300	1	--	--	5	7.68	642	3	5.42	20.6	57.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	31E-07-Q221	Sample Time:	09:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

31E-07



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	34-63	Date	4/5/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	6
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:59	300	1	--	--	5	7.39	481	2	2.96	21.7	80.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	34-63-Q221	Sample Time:	11:00	Field Filtered?	yes
Duplicate ID:	MW-955-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

34-63



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	34-77	Date	4/5/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	6
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:24	300	1	--	--	5	7.57	535	2	2.97	22.3	71.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	34-77-Q221	Sample Time:	11:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

34-77



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	36-26	Date	4/6/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	6
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:39	300	1	--	--	5	7.03	1316	2	4.72	20.2	50.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	36-26-Q221	Sample Time:	08:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

36-26



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	36-41	Date	4/6/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	5
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:19	300	1	--	--	5	7.09	1335	2	3.76	20.6	75.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	36-41-Q221	Sample Time:	08:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

36-41



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	BW-01D	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	109 to 129	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	93.02	Total Depth (ft-bmp)	128.22	Water Column (ft) 35.2
Well Casing Material	PVC	Gallons in Well	5.72	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.05	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:49	200	0.25	93.02	--	0	8.44	488	69	5.6	20.1	-15.3
07:53	200	0.25	93.12	--	1	8.2	486	58	5.3	21.7	-4.6
07:57	200	0.25	93.12	--	2	8.14	486	28	5.16	22.5	1.1
08:01	200	0.25	93.12	--	3	8.02	483	15	5.28	22.5	6.2
08:05	200	0.25	93.12	--	4	7.97	484	11	5.13	22.5	7.5
08:09	200	0.25	93.12	--	5	7.92	484	11	5.14	22.6	9
08:13	200	0.25	93.12	--	6	7.87	483	11	5.12	22.7	10.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	BW-01D-Q221	Sample Time:	08:14	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

BW-01D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	BW-01S	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84 to 104	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	93.44	Total Depth (ft-bmp)	104.5	Water Column (ft) 11.06
		Gallons in Well	1.8	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.78	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:20	200	0.25	93.44	--	0	7.92	499	39	5.71	18.6	5.2
08:24	200	0.25	93.50	--	1	7.81	491	19	4.94	22.4	5
08:28	200	0.25	93.50	--	2	7.78	499	9	4.82	23.2	9
08:32	200	0.25	93.50	--	3	7.61	538	8	4.62	23.5	11.2
08:36	200	0.25	93.50	--	4	7.59	549	8	4.49	23.7	12
08:40	200	0.25	93.50	--	5	7.57	549	8	4.34	23.7	14.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	BW-01S-Q221	Sample Time:	08:41	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

BW-01S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	C-01	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 175	Casing Diameter (in.) 8
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:57	--	--	--	6.98	4894	2	7.69	21	2.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	C-01-Q221	Sample Time:	10:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

C-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	C-02	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 113	Casing Diameter (in.) 8
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:39	--	--	--	6.86	3472	2	7.76	22.5	61.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	C-02-Q221	Sample Time:	10:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

C-02



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	C-03	Date	4/8/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:13	--	--	--	7.01	3994	3	6.98	22.4	60.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	C-03-Q221	Sample Time:	10:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

C-03



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	C-04	Date	4/8/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 163	Casing Diameter (in.)	8
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:53	300	--	--	--	7.62	3633	2	0.21	22.5	-183.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	C-04-Q221	Sample Time:	11:55	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

C-04



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	C-04	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 163	Casing Diameter (in.) 6
		Well Casing Material	PVC	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:09	300	1	--	--	5	7.1	4271	2	3.26	23.1	42.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	C-04-0421	Sample Time:	13:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

C-04



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-101	Date	5/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	88 to 113	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	103.36	Total Depth (ft-bmp)	112.8	Water Column (ft) 9.44
		Gallons in Well	6.14	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.63	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:13	300	0.5	103.36	--	0	6.91	1194	37	0.69	22.4	-98.9
12:17	300	0.5	103.50	--	2	6.85	1200	22	0.45	23.8	-104.5
12:21	300	0.5	103.53	--	4	6.84	1197	13	0.44	24	-109.1
12:25	300	0.5	103.55	--	6	6.84	1197	9	0.43	24	-110.9
12:29	300	0.5	103.55	--	8	6.84	1196	8	0.42	24.1	-111.7
12:33	300	0.5	103.55	--	10	6.84	1196	8	0.42	24	-112.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-101-Q221	Sample Time:	12:34	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-761-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-101



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-101D	Date	5/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	125 to 135	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	95.71	Total Depth (ft-bmp)	134.82	Water Column (ft) 39.11
		Gallons in Well	6.36	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.57	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:39	300	0.5	95.71	--	0	7.05	1225	25	0.63	21.8	-80.9
11:43	300	0.5	95.90	--	2	7.05	1253	15	0.42	23.9	-96.8
11:47	300	0.5	95.90	--	4	7.03	1251	7	0.42	23.9	-103.7
11:51	300	0.5	95.90	--	6	7.03	1250	5	0.41	23.9	-105.9
11:55	300	0.5	95.90	--	8	7.03	1245	4	0.4	24	-108.7
11:59	300	0.5	95.90	--	10	7.03	1246	4	0.4	24	-109.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-101D-Q221	Sample Time:	00:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-101D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-102D	Date	5/3/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	125 to 135	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	79.71	Total Depth (ft-bmp)	133.23	Water Column (ft) 53.52
Well Casing Material	PVC	Gallons in Well	8.7	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
Well Volumes Purged	1.15	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:42	500	0.5	79.71	--	0	7.13	1302	196	0.38	21.8	-123.3
09:46	500	0.5	79.92	--	2	7.2	1294	96	0.21	22.6	-235.6
09:50	500	0.5	79.92	--	4	7.24	1309	40	0.18	23.3	-250.9
09:54	500	0.5	79.92	--	6	7.3	1318	21	0.16	23.5	-253.4
09:58	500	0.5	79.92	--	8	7.35	1322	20	0.16	23.7	-257.4
10:02	500	0.5	79.92	--	10	7.35	1324	20	0.16	23.8	-261.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-102D-Q221	Sample Time:	10:03	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-102D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	CA-MW-106S	Date	5/7/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	100.52	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-106S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-107D	Date	5/7/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 135	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	98.61	Total Depth (ft-bmp)	132.22	Water Column (ft) 33.61
		Gallons in Well	5.46	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.83	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:41	300	0.5	98.61	--	0	7.28	1250	45	1.31	20.6	-23.9
08:45	300	0.5	98.80	--	2	7.16	1250	13	0.89	22.1	-34.3
08:49	300	0.5	98.80	--	4	7.15	1249	7	0.88	22.1	-40.2
08:53	300	0.5	98.80	--	6	7.15	1243	5	0.84	22.1	-43.2
08:57	300	0.5	98.80	--	8	7.15	1243	5	0.84	22.1	-44.8
09:01	300	0.5	98.80	--	10	7.15	1242	4	0.81	22.1	-47.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-107D-Q221	Sample Time:	09:02	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-107D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-108D	Date	5/7/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	125 to 145	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	99.51	Total Depth (ft-bmp)	144.1	Water Column (ft) 44.59
		Gallons in Well	7.25	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.38	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:23	300	0.5	99.51	--	0	7.4	943	30	1.22	21.7	10.9
09:27	300	0.5	99.80	--	2	7.19	1080	21	0.76	23.4	-19.9
09:31	300	0.5	99.80	--	4	7.18	1104	12	0.75	23.4	-22.1
09:35	300	0.5	99.80	--	6	7.17	1110	7	0.72	23.4	-25.2
09:39	300	0.5	99.80	--	8	7.17	1112	6	0.72	23.5	-22.7
09:43	300	0.5	99.80	--	10	7.17	1114	6	0.71	23.5	-24.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-108D-Q221	Sample Time:	09:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-766-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-108D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-109D	Date	5/7/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 135	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	98.02	Total Depth (ft-bmp)	134.74	Water Column (ft) 36.72
		Gallons in Well	5.97	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.68	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:59	300	0.5	98.02	--	0	7.05	1271	176	0.8	21.2	-5.7
08:03	300	0.5	98.30	--	2	7.1	1281	62	1.96	21.8	11.9
08:07	300	0.5	98.30	--	4	7.11	1290	29	1.5	22.2	15.6
08:11	300	0.5	98.30	--	6	7.12	1286	9	1.25	22.3	17.8
08:15	300	0.5	98.30	--	8	7.12	1289	8	1.21	22.4	13.2
08:19	300	0.5	98.30	--	10	7.12	1290	8	1.19	22.4	13.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-109D-Q221	Sample Time:	08:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-109D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-110	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	98 to 108	Casing Diameter (in.) 6
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	98.42	Total Depth (ft-bmp)	113.2	Water Column (ft) 14.78
		Gallons in Well	21.61	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no	
Gallons Purged	22.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:07	300	0.5	98.42	--	0	7.26	1239	117	0.35	21.9	-99.8
08:15	300	0.5	99.51	--	4	7.24	1237	80	0.31	22.2	-109.8
08:23	300	0.5	99.60	--	8	7.24	1245	47	0.27	22.8	-116.9
08:31	300	0.5	99.60	--	12	7.24	1241	41	0.26	22.9	-121.9
08:39	300	0.5	99.60	--	16	7.24	1234	36	0.25	23.2	-123.5
08:43	300	0.5	99.60	--	18	7.24	1240	35	0.25	23.3	-124.3
08:47	300	0.5	99.60	--	20	7.24	1240	34	0.25	23.3	-124.8
08:51	300	0.5	99.60	--	22	7.24	1240	34	0.24	23.4	-125.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>CA-MW-110-Q221</u>	Sample Time:	<u>08:52</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>		Equipment Blank ID:	<u>--</u>	Trip Blank ID:
Single Filter Turbidity:	<u>3</u>	Without Filter Turbidity:	<u>34</u>	Double Filter Turbidity:	<u>1</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

CA-MW-110



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	CA-MW-301	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 115	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	110.93	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-301



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	CA-MW-306D	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107 to 122	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.49	Total Depth (ft-bmp)	120.37	Water Column (ft)	15.88
				Gallons in Well	2.58
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.94	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:52	0.25	105.13	--	1	7.77	797	38	3.43	21.6	113.6
10:56	0.25	105.14	--	2	7.85	797	14	3.15	22.9	105.8
11:00	0.25	105.14	--	3	7.86	799	8	3.03	24.9	99.9
11:04	0.25	105.14	--	4	7.88	805	7	2.98	24.9	97.9
11:08	0.25	105.15	--	5	7.86	807	6	2.97	24.9	96.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-306D-Q221	Sample Time:	11:09	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-306D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-306S	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	87 to 102	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	101.17	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-306S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	CA-MW-312D	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 135	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	108.71	Total Depth (ft-bmp)	134.05	Water Column (ft)	25.34
				Gallons in Well	4.12
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.21	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:06	0.25	109.48	--	1	7.69	1465	45	2.61	24	105.3
13:10	0.25	109.51	--	2	7.66	1478	16	2.38	24.3	100.7
13:14	0.25	109.51	--	3	7.66	1468	10	2.37	24.7	99.2
13:18	0.25	109.54	--	4	7.65	1467	8	2.35	24.8	97.6
13:22	0.25	109.56	--	5	7.66	1472	7	2.42	24.9	99.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-312D-Q221	Sample Time:	13:23	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-312D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	CA-MW-313R	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	99 to 114	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	109.07	Total Depth (ft-bmp)	113.85	Water Column (ft)	4.78
				Gallons in Well	3.11
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.61	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:53	0.25	109.40	--	1	7.68	133	28	1.19	23.2	103.7
13:57	0.25	109.41	--	2	7.68	1127	16	1.11	23.3	101.5
14:01	0.25	109.40	--	3	7.67	1125	9	1.07	23.6	99.5
14:05	0.25	109.40	--	4	7.66	1120	8	1.06	23.8	97.1
14:09	0.25	109.41	--	5	7.66	1118	8	1.05	23.8	96.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-313R-Q221	Sample Time:	14:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-750-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-313R



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-315D	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	130 to 140	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	99.89	Total Depth (ft-bmp)	139.61	Water Column (ft)	39.72
				Gallons in Well	6.45
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.55	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:40	0.5	102.09	--	2	7.61	1017	26	0.85	20.9	91.1
11:44	0.5	102.11	--	4	7.52	1110	11	0.77	22.8	92.2
11:48	0.5	102.12	--	6	7.49	1117	9	0.8	22.9	91.4
11:52	0.5	102.11	--	8	7.53	1130	8	0.78	23	90
11:56	0.5	102.12	--	10	7.52	1128	6	0.77	22.9	88.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-315D-Q221	Sample Time:	23:57	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-315D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-315S	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 115	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	101.67	Total Depth (ft-bmp)	113.2	Water Column (ft)	11.53
				Gallons in Well	1.87
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	3.21	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:12	0.25	102.33	--	1	7.44	1091	58	1.07	21.3	98
12:16	0.25	102.33	--	2	7.41	1111	35	1.05	23.4	95.6
12:20	0.25	102.34	--	3	7.42	1115	28	1.03	24.2	95
12:24	0.25	102.34	--	4	7.42	1118	24	0.99	24.2	93.9
12:28	0.25	102.34	--	5	7.45	1122	22	0.95	24.2	90.7
12:32	0.25	102.34	--	6	7.44	1124	23	0.92	24.3	90

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-315S-Q221	Sample Time:	12:34	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	23	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-315S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-412D	Date	4/19/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	109.6	Total Depth (ft-bmp)	120.21	Water Column (ft) 10.61
Well Casing Material	PVC	Gallons in Well	1.72	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	2.91	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:11	300	0.25	109.60	--	0	7.46	1235	40	4.61	22.4	105.9
12:15	300	0.25	109.85	--	1	7.35	1203	34	3.79	22.2	103.9
12:19	300	0.25	109.90	--	2	7.35	1193	23	3.71	22.6	101.5
12:23	300	0.25	109.90	--	3	7.34	1211	19	3.42	23.3	100.7
12:27	300	0.25	109.90	--	4	7.33	1209	18	3.37	23.4	99.8
12:31	300	0.25	109.90	--	5	7.32	1211	18	3.29	23.6	98.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-412D-Q221	Sample Time:	12:32	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	18	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

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PHOTO LOG

CA-MW-412D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-412D2	Date	4/19/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	133 to 143	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	104.61	Total Depth (ft-bmp)	142.71	Water Column (ft) 38.1
		Gallons in Well	9.67	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.03	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:55	300	0.5	104.61	--	0	7.39	691	37	0.7	22.8	20.9
12:59	300	0.5	104.80	--	2	7.36	690	22	1.03	23.6	31.9
13:03	300	0.5	104.80	--	4	7.32	692	13	2.12	23.8	38.9
13:07	300	0.5	104.80	--	6	7.32	693	7	2.25	23.9	43.5
13:11	300	0.5	104.80	--	8	7.32	695	6	2.29	23.9	47.2
13:15	300	0.5	104.80	--	10	7.32	693	6	2.31	23.9	48.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-412D2-Q221	Sample Time:	13:16	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-749-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-412D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-501D	Date	4/19/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 130	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	112.34	Total Depth (ft-bmp)	127.02	Water Column (ft) 14.68
		Gallons in Well	2.39	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	0.21	Did Well Dewater?	no	
Gallons Purged	0.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:45	300	0.25	112.34	--	0	7.24	1334	345	4.72	21.2	90.8
10:49	300	0.25	112.50	--	1	7.29	1330	29	4.53	23.4	83.9
10:53	300	0.25	112.50	--	2	7.3	1331	16	4.49	23.9	75.9
10:57	300	0.25	112.50	--	3	7.31	1331	9	4.35	24.1	71.9
11:01	300	0.25	112.50	--	4	7.31	1332	8	4.31	24.1	70.9
11:05	300	0.25	112.50	--	5	7.31	1332	8	4.29	24.2	70.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-501D-Q221	Sample Time:	11:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

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CA-MW-501D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	CA-MW-501S	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 110	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	108.21	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-501S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	CA-MW-505	Date	6/2/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	86 to 111	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	108.89	Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-505



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	CA-MW-506S	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84 to 114	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	109.6	Total Depth (ft-bmp)	111.4	Water Column (ft)	1.8
				Gallons in Well	0.29
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-506S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-510D	Date	5/3/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 135	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	105.76	Total Depth (ft-bmp)	134.4	Water Column (ft) 28.64
Well Casing Material	PVC	Gallons in Well	4.65	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.08	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:38	500	0.25	105.76	--	0	7.38	1538	17	1.69	20.9	-144.3
10:42	500	0.25	105.88	--	1	7.36	1515	30	1.63	20.8	-143.7
10:46	500	0.25	105.88	--	2	7.31	1492	19	1.49	21.8	-139.7
10:50	500	0.25	105.88	--	3	7.3	1505	15	1.31	22.1	-139.4
10:54	500	0.25	105.88	--	4	7.31	1505	14	1.25	22.1	-139.9
10:58	500	0.25	105.88	--	5	7.32	1507	14	1.22	22.1	-139.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-510D-Q221	Sample Time:	10:59	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	14	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-510D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-511	Date	5/3/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	104 to 124	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	104.48	Total Depth (ft-bmp)	123.93	Water Column (ft) 19.45
Well Casing Material	PVC	Gallons in Well	3.16	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.58	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:24	500	0.25	104.48	--	0	7.44	1258	28	3.8	22.9	-82.2
11:28	500	0.25	104.57	--	1	7.38	1246	17	3.72	22	-76.6
11:32	500	0.25	104.57	--	2	7.36	1251	10	3.64	22.9	-74.5
11:36	500	0.25	104.57	--	3	7.33	1257	10	3.62	24.6	-71.2
11:40	500	0.25	104.57	--	4	7.33	1262	9	3.65	24.5	-66.5
11:44	500	0.25	104.57	--	5	7.32	1263	9	3.66	24.5	-65

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CA-MW-511-Q221	Sample Time:	11:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-762-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-511



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	CA-MW-601	Date	5/3/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	108	Total Depth (ft-bmp)	109.75	Water Column (ft)	1.75
				Gallons in Well	1.14
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-601



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CA-MW-602	Date	5/3/2021						
Site Location	Hinkley	Sampled by	Riggie Tep						
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.)	4	Well Casing Material	PVC		
Static Water Level (ft-bmp)	107.41	Total Depth (ft-bmp)	109.6	Water Column (ft)	2.19	Gallons in Well	1.42		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment					
Well Volumes Purged	N/A	Did Well Dewater?	no						
Gallons Purged									

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CA-MW-602



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	CA-MW-603	Date	5/3/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	105.94	Total Depth (ft-bmp)	109.2	Water Column (ft)	3.26
				Gallons in Well	2.12
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CA-MW-603



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CE-IRR	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	0 to 0	Casing Diameter (in.)	8
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:13	--	--	--	7.4	1332	1	1.03	20.8	90.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CE-IRR-Q221	Sample Time:	10:15	Field Filtered?	yes
Duplicate ID:	MW-901-Q221	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

CE-IRR



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	CPVT	Date	4/6/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 8 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:09	300	1	--	--	5	7.03	2393	3	4.72	19.9	74.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	CPVT-Q221	Sample Time:	13:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

CPVT



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	DVD-EPVT	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 8 Well Casing Material Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:49	--	--	--	7.25	2842	3	7.96	20.6	105.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	DVD-EPVT-Q221	Sample Time:	13:55	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

DVD-EPVT



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	DVD-WPVT	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 8 Well Casing Material Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:21	--	--	--	7.29	3211	2	6.17	21	111.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	DVD-WPVT-Q221	Sample Time:	13:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

DVD-WPVT



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	DW-01	Date	6/1/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 110	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.99	Total Depth (ft-bmp)	110	Water Column (ft)	5.01
				Gallons in Well	3.26
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

DW-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	DW-02	Date	4/15/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 110	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	88.04	Total Depth (ft-bmp)	110	Water Column (ft)	21.96
				Gallons in Well	14.27
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.11	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:37	300	88.06	0	--	6.72	4163	45	1.91	18.8	131.9
09:41	300	88.06	1200	--	6.69	4190	41	1.68	18.7	133.9
09:45	300	88.06	2400	--	6.67	4192	37	1.65	18.8	134.7
09:49	300	88.06	3600	--	6.64	4249	34	1.43	18.7	136.9
09:53	300	88.06	4800	--	6.64	4251	32	1.42	18.7	136.7
09:57	300	88.06	6000	--	6.64	4255	32	1.37	18.8	137.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	DW-02-Q221	Sample Time:	09:58	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	32	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

DW-02



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	DW-03	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 110	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	88.9	Total Depth (ft-bmp)	110	Water Column (ft) 21.1
		Gallons in Well	13.71	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.46	Did Well Dewater?	no	
Gallons Purged	20.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:53	300	1	89.10	--	0	6.65	5131	35	1.32	20.5	142.8
11:57	300	1	89.10	--	4	6.64	5210	25	1.25	21.2	135.8
12:01	300	1	89.10	--	8	6.64	5259	20	1.29	21.5	129.8
12:05	300	1	89.10	--	12	6.63	5264	17	1.31	21.5	127.7
12:09	300	1	89.10	--	16	6.63	5265	16	1.33	21.5	126.5
12:13	300	1	89.10	--	20	6.63	5263	16	1.34	21.5	126.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	DW-03-Q221	Sample Time:	12:14	Field Filtered?	yes
Duplicate ID:	MW-911-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-739-Q221	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	16	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

DW-03



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-01	Date	4/7/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	124 to 164
		Casing Diameter (in.)	10.25
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:17	--	--	--	7.52	1935	2	7.27	21.1	52

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-01-Q221	Sample Time:	13:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-02	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 155	Casing Diameter (in.) 10.25
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
Well Casing Material	Stainless Steel			
Well Casing Material	Stainless Steel			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:44	--	--	--	7.17	3551	2	7.21	19.7	57

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-02-Q221	Sample Time:	12:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-02



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-03	Date	4/7/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 138
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:24	--	--	--	7.1	4027	4	7.31	22.1	65.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-03-Q221	Sample Time:	12:27	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-03



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-03	Date	6/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 138	Casing Diameter (in.) 6
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	102.88	Total Depth (ft-bmp)	143	Water Column (ft) 40.12
		Gallons in Well	58.67	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	3.07	Did Well Dewater?	no	
Gallons Purged	180.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:19	500	3	102.88	--	0	7.39	3603	45	0.89	21.1	-46.9
11:29	500	3	105.03	--	30	7.18	3670	30	1.45	21.3	10.7
11:39	500	3	105.34	--	60	7.05	3793	29	1.88	21.7	26.8
11:49	500	3	105.40	--	90	7.08	3786	27	2.03	21.3	35.3
11:59	500	3	105.40	--	120	7.12	3824	23	2.08	22.4	38.7
12:09	500	3	105.40	--	150	7.14	3841	23	2.08	22.5	42.1
12:19	500	3	105.40	--	180	7.14	3852	22	2.11	22.5	43.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-03-RE-0621	Sample Time:	12:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	22	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-03



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-04	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94 to 104	Casing Diameter (in.) 6
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:01	--	--	--	7.08	3873	9	4.93	25	65.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-04-Q221	Sample Time:	12:05	Field Filtered?	yes
Duplicate ID:	MW-912-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-04



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-05	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	92 to 112	Casing Diameter (in.) 6
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:07	--	--	--	7.84	720	2	6.72	32.7	66.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-05-Q221	Sample Time:	11:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-05



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	EX-15	Date	5/6/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	92 to 117	Casing Diameter (in.) 6
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	99.01	Total Depth (ft-bmp)	119.01	Water Column (ft) 20
		Gallons in Well	29.25	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	3.08	Did Well Dewater?	no	
Gallons Purged	90.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:49	300	3	99.01	--	0	7.65	567	29	1.02	22.9	-29.3
14:59	300	3	99.50	--	30	7.67	567	15	0.93	23	-60.3
15:04	300	3	99.50	--	45	7.69	568	5	0.83	23.1	-65.2
15:09	300	3	99.50	--	60	7.69	571	3	0.79	23.1	-64.3
15:14	300	3	99.50	--	75	7.69	570	3	0.78	23.1	-65.2
15:19	300	3	99.50	--	90	7.69	572	2	0.77	23.1	-67.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-15-Q221	Sample Time:	15:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-763-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-15



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-16	Date	4/7/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93 to 118
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:25	--	--	--	7.78	587	2	8.84	22.5	48.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-16-Q221	Sample Time:	11:28	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-16



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-17	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 118	Casing Diameter (in.)	6
				Well Casing Material	PVC
Static Water Level (ft-bmp)	102.27	Total Depth (ft-bmp)	124.11	Water Column (ft)	21.84
				Gallons in Well	31.94
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no		
Gallons Purged	32.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:42	1	103.51	--	4	7.45	453.2	30	1.29	23.2	29.7
10:46	1	104.29	--	8	7.5	449	17	1.16	23.4	-12
10:50	4	104.49	--	12	7.5	446.6	11	1.1	23.6	-24.7
10:54	1	104.49	--	16	7.51	446	7	1.07	23.7	-30.9
10:58	1	104.49	--	20	7.5	444.4	5	1.01	23.8	-33.5
11:02	1	104.49	--	24	7.49	442.5	4	0.98	23.7	-36.8
11:06	1	104.49	--	28	7.49	442.4	4	0.94	23.8	-37.1
11:10	1	104.49	--	32	7.49	442.8	4	0.93	23.8	-38.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-17-Q221	Sample Time:	11:11	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-17



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-20	Date	4/7/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	106 to 127
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:44	--	--	--	7.86	848	3	2.77	20.1	49.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-20-Q221	Sample Time:	11:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-20



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-21	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	97 to 137	Casing Diameter (in.) 8
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	106.25	Total Depth (ft-bmp)	142	Water Column (ft) 35.75
		Gallons in Well	92.94	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.08	Did Well Dewater?	no	
Gallons Purged	100.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:27	300	2	106.25	--	0	7.65	469	31	0.3	22.1	-138.9
13:37	300	2	106.50	--	20	7.73	475	22	0.35	22.6	-135.9
13:47	300	2	106.50	--	40	7.75	467	15	0.39	22.9	-137.5
13:57	300	2	106.50	--	60	7.76	467	6	0.37	23.1	-141.7
14:07	300	2	106.50	--	80	7.78	465	5	0.41	23.2	-143.9
14:17	300	2	106.50	--	100	7.78	465	5	0.42	23.2	-143.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-21-Q221	Sample Time:	14:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-714-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-21



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	EX-22	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	97 to 137	Casing Diameter (in.) 8
		Well Casing Material	PVC	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
15:09	300	1	--	--	5	7.15	1515	2	5.74	21.7	70.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-22-Q221	Sample Time:	15:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-22



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-23	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 130	Casing Diameter (in.)	6	Well Casing Material	PVC
Static Water Level (ft-bmp)	87.32	Total Depth (ft-bmp)	129.12	Water Column (ft)	41.8	Gallons in Well	61.13
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.05	Did Well Dewater?	no				
Gallons Purged	64.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:06	500	2	88.00	--	8	7.23	4976	7	2.05	21.5	70.6
14:10	500	2	88.00	--	16	7.12	5019	3	2.13	21.7	72.8
14:14	500	2	88.00	--	24	7.08	5040	2	2.21	21.8	71.7
14:18	500	2	88.00	--	32	7.07	5043	2	2.24	21.8	70.2
14:22	500	2	88.00	--	40	7.06	5055	2	2.27	21.8	69.7
14:26	500	2	88.00	--	48	7.06	5053	2	2.28	21.8	68.2
14:30	500	2	88.00	--	56	7.06	5054	2	2.28	21.9	66.7
14:34	500	2	88.00	--	64	7.06	5062	2	2.28	21.8	66

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>EX-23-Q221</u>	Sample Time:	<u>14:35</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>EX-23-Q221-MS/MSD</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-726-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>2</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

EX-23



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-24	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	81 to 141	Casing Diameter (in.) 8
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	91.71	Total Depth (ft-bmp)	141	Water Column (ft) 49.29
		Gallons in Well	128.15	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.17	Did Well Dewater?	no	
Gallons Purged	150.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:00	300	3	91.71	--	0	6.75	4157	29	4.33	21	91.7
14:10	300	3	91.80	--	30	6.73	4202	22	4.35	21.3	92.9
14:20	300	3	91.80	--	60	6.73	4210	14	4.34	21.6	92.2
14:30	300	3	91.80	--	90	6.73	4213	7	4.38	21.5	92.1
14:40	300	3	91.80	--	120	6.73	4214	6	4.38	21.4	92
14:50	300	3	91.80	--	150	6.73	4213	6	4.37	21.5	91.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-24-Q221	Sample Time:	14:51	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	EB-718-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-24



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-25	Date	4/8/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	87 to 157
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:40	--	--	--	7.3	2910	2	5.15	21.2	100.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-25-Q221	Sample Time:	09:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-25



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-27	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	86 to 146	Casing Diameter (in.) 8
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:44	--	--	--	7.33	2304	4	5.65	21.3	74

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-27-Q221	Sample Time:	12:50	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-27



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-29	Date	4/7/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84.5 to 114.5
		Casing Diameter (in.)	8.625
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:00	--	--	--	7.62	1304	2	6.64	22.1	89.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-29-Q221	Sample Time:	10:03	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-29



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-30	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91.6 to 121.6	Casing Diameter (in.) 8.625
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
Well Casing Material	Stainless Steel			
Well Casing Material	Stainless Steel			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:50	--	--	--	8.03	880	3	7.76	21.8	63.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-30-Q221	Sample Time:	10:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-30



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-31	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	78 to 108	Casing Diameter (in.)	8
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:58	--	--	--	7.14	2930	4	8.27	22.3	54.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-31-Q221	Sample Time:	14:00	Field Filtered?	yes
Duplicate ID:	MW-913-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

EX-31

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-32	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	78 to 113	Casing Diameter (in.) 8
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)	104.55	Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:00	200	1	104.55	--	0	--	--		--	--	--
14:05	200	1	104.55	--	5	7.61	2179	2	4.52	22.8	35.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-32-Q221	Sample Time:	14:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 300.8 (Dissolved Uranium), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-32



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-33	Date	4/7/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82 to 112
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:20	--	--	--	7	4435	3	7.36	22.8	79.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-33-Q221	Sample Time:	14:23	Field Filtered?	yes
Duplicate ID:	MW-914-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-33



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-34	Date	4/7/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 165
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:01	--	--	--	7.4	1948	3	6.83	21.5	62.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-34-Q221	Sample Time:	13:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-34



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-35	Date	4/8/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 185
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:40	--	--	--	7.16	3708	2	7.38	20.9	48.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-35-Q221	Sample Time:	08:45	Field Filtered?	yes
Duplicate ID:	MW-902-Q221	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-35



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-36	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	6
				Well Casing Material	PVC
Static Water Level (ft-bmp)	94.88	Total Depth (ft-bmp)	102	Water Column (ft)	7.12
				Gallons in Well	10.41
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no		
Gallons Purged	10.50				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:31	0.5	94.88	--	0	8	711	68	1.27	23.6	25.3
12:35	0.5	94.90	--	2	8	715	61	1.32	23.6	23.7
12:39	0.5	94.90	--	4	7.98	708	28	1.35	23.8	22.5
12:43	0.5	94.90	--	6	7.97	709	18	1.36	23.8	20.4
12:47	0.5	94.90	--	8	7.95	712	18	1.4	23.7	19.4
12:52	0.5	94.90	--	10.5	7.96	711	17	1.4	23.8	19

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-36-Q221	Sample Time:	12:53	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	17	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-36



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-36	Date	6/1/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.) 6
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	94.75	Total Depth (ft-bmp)	106.71	Water Column (ft) 11.96
		Gallons in Well	17.49	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.14	Did Well Dewater?	no	
Gallons Purged	20.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:37	500	1	94.75	--	0	7.65	712	89	1.92	22.1	67.9
10:41	500	1	94.90	--	4	7.58	711	31	2.58	22.4	56.2
10:45	500	1	94.90	--	8	7.58	712	17	2.72	22.3	48.7
10:49	500	1	94.90	--	12	7.58	714	8	2.79	22.4	44.6
10:53	500	1	94.90	--	16	7.58	715	7	2.81	22.4	42.2
10:57	500	1	94.90	--	20	7.58	716	7	2.85	22.5	41.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-36-RE-0621	Sample Time:	10:58	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-36



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-37	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 125	Casing Diameter (in.)	6
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:10	--	--	--	7.43	1460	2	6.71	23.4	54.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-37-Q221	Sample Time:	10:12	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-37



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-38	Date	4/15/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 140
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:09	--	--	--	7.29	1889	4	7.36	23	109.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-38-Q221	Sample Time:	11:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-38



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-39	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 135	Casing Diameter (in.) 6
				Well Casing Material Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
				Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:23	--	--	--	7.27	1410	2	1.27	21.2	52.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-39-Q221	Sample Time:	09:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

EX-39

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-42	Date	4/13/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 145
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:37	--	--	--	7.49	1283	5	1.21	21.6	99.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-42-Q221	Sample Time:	11:40	Field Filtered?	yes
Duplicate ID:	MW-903-Q221	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-42



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-50	Date	4/13/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 140
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:39	--	--	--	7.23	1350	4	1.18	21.3	155.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-50-Q221	Sample Time:	08:40	Field Filtered?	yes
Duplicate ID:	MW-904-Q221	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-50



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	EX-51	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 125	Casing Diameter (in.)	6
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:39	--	--	--	7.33	1588	3	0.21	20.7	82.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-51-Q221	Sample Time:	09:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

EX-51

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-52	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 130	Casing Diameter (in.)	6
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:57	--	--	--	7.4	1685	2	3.09	20	87.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-52-Q221	Sample Time:	10:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-52



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	EX-53	Date	4/8/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 130	Casing Diameter (in.)	8
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:16	--	--	--	7.42	1261	1	6.84	21.8	68.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-53-Q221	Sample Time:	14:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-53



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-55	Date	4/15/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 130
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:19	--	--	--	7.01	2094	4	4.8	19.8	94.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-55-Q221	Sample Time:	09:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-55



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-56	Date	4/15/2021
Site Location	Hinkley	Sampled by	Brian
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91 to 136
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:49	--	--	--	6.99	1074	4	2.17	20.1	36.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-56-Q221	Sample Time:	08:50	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-56



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-59	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 142	Casing Diameter (in.) 6
		Well Casing Material	PVC	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:55	500	1	--	--	0	--	--		--	--	--
14:00	500	1	--	--	5	7.52	1210	3	4.57	20.6	66.9

Comments: Extraction Port

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	14:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

EX-59

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-60D	Date	4/15/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	4
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:48	--	--	--	7.13	1239	3	2.05	20.5	105.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-60D-Q221	Sample Time:	10:50	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-60D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-61D	Date	4/15/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:25	--	--	--	6.96	1513	3	2.95	20	100.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-61D-Q221	Sample Time:	10:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-61D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	EX-62	Date	4/8/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 118
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:15	--	--	--	7.49	2033	1	8.96	21.2	26.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-62-Q221	Sample Time:	12:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

EX-62



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-63	Date	4/15/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	92 to 134	Casing Diameter (in.)	6
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:27	--	--	--	6.94	1517	3	0.04	22.1	86.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-63-Q221	Sample Time:	12:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-63



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	EX-64	Date	4/15/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91 to 136	Casing Diameter (in.)	6
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:43	--	--	--	6.99	1286	2	0.16	21.3	69.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-64-Q221	Sample Time:	12:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-64



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	EX-65	Date	4/15/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	99 to 134	Casing Diameter (in.)	6
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:58	--	--	--	6.81	1369	47	0.19	22	39.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-65-Q221	Sample Time:	13:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	4	Without Filter Turbidity:	47	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-65



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID EX-66 Date 5/6/2021

Site Location Hinkley Sampled by Nara Tep

Measuring Point Description Top of Casing Screen Depth Interval (ft-bmp) 90 to 130 Casing Diameter (in.) 6 Well Casing Material PVC

Static Water Level (ft-bmp) 93.58 Total Depth (ft-bmp) 136.8 Water Column (ft) 43.22 Gallons in Well 63.21

Water Quality Meter Make/Model Hach 2100Q, YSI Pro Plus Purge Method Volumetric Purging Equipment Grundfos RF2

Well Volumes Purged 3.04 Did Well Dewater? no

Gallons Purged 192.00

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:11	300	3	93.58	--	0	7.46	461	7	4.46	21.6	64.7
13:21	300	3	93.90	--	30	7.3	441	4	4.38	21.9	58.7
13:31	300	3	93.90	--	60	7.26	441	3	4.31	22	57.6
13:41	300	3	93.90	--	90	7.08	436	2	3.8	21.9	61.9
13:51	300	3	93.90	--	120	6.98	429	2	3.2	21.9	66.9
14:01	300	3	93.90	--	150	6.96	429	2	3.17	21.9	65.2
14:11	300	3	93.90	--	180	6.94	429	2	3.16	21.9	64.2
14:15	300	3	93.90	--	192	6.95	427	2	3.11	21.9	63.7

Comments: --

Well Casing Volume Conversion

 Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

 ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

 mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

 mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>EX-66-Q221</u>	Sample Time:	<u>14:16</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>MW-927-Q221</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>2</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

EX-66



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	EX-68	Date	4/15/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:53	--	--	--	7.33	1480	2	1.66	20.4	96.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-68-Q221	Sample Time:	11:55	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-68



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	EX-69	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 6 Well Casing Material Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:32	--	--	--	7.17	1316	5	3.36	21.1	71.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	EX-69-Q221	Sample Time:	13:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

EX-69



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	F-IRR	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Brian		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	0 to 0	Casing Diameter (in.)	8
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:43	--	--	--	7.44	1382	3	2.02	21.4	88.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	F-IRR-Q221	Sample Time:	10:45	Field Filtered?	yes
Duplicate ID:	MW-905-Q221	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

F-IRR



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	G-1R	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93 to 163	Casing Diameter (in.) 8.65
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	83.81	Total Depth (ft-bmp)	168	Water Column (ft) 84.19
		Gallons in Well	255.9	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.03	Did Well Dewater?	no	
Gallons Purged	264.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:00	300	3	83.81	--	0	6.87	7277	39	0.37	20.3	-67.9
10:20	300	3	83.99	--	60	6.87	7517	26	0.45	20.6	-70.1
10:40	300	3	83.99	--	120	6.92	7841	17	1.34	20.4	28.7
11:00	300	3	83.99	--	180	7.01	7987	9	2.5	20.5	45.1
11:20	300	3	83.99	--	240	7.02	7986	8	2.54	20.6	46.7
11:28	300	3	83.99	--	264	7.02	7993	8	2.56	20.5	50.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	G-1R-Q221	Sample Time:	11:29	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PHOTO LOG

G-1R

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	G-2R	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 183	Casing Diameter (in.) 8.65
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	Error	Did Well Dewater?	no	
Gallons Purged	0.00			

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:23	0	0.00	--	0	6.96	5229	3	6.18	19.7	107

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	G-2R-Q221	Sample Time:	08:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

G-2R



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	G-5R	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 175	Casing Diameter (in.) 8.65
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:38	--	--	--	6.97	4545	0	7.33	22.6	86.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	G-5R-Q221	Sample Time:	13:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

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G-5R



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	GPVTS	Date	4/6/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 8 Well Casing Material PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:34	300	1	--	--	5	6.88	3367	2	5.54	20.2	99.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	GPVTS-Q221	Sample Time:	13:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

GPVTS



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	IW-01	Date	4/7/2021
Site Location	Hinkley	Sampled by	Jon Lindeman
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 135
		Casing Diameter (in.)	8
		Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:29	--	--	--	7.28	2231	3	7.22	20.7	74.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	IW-01-Q221	Sample Time:	08:30	Field Filtered?	yes
Duplicate ID:	MW-906-Q221	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

IW-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	IW-02	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 150	Casing Diameter (in.)	8
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:03	--	--	--	7.34	1576	2	6.15	20.6	95.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	IW-02-Q221	Sample Time:	09:05	Field Filtered?	yes
Duplicate ID:	MW-907-Q221	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

IW-02



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	IW-03	Date	4/7/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 155
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:29	--	--	--	7.35	1775	2	6.76	21.1	109.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	IW-03-Q221	Sample Time:	09:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

IW-03



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-01	Date	4/22/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94 to 104	Casing Diameter (in.)	4.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	91.63	Total Depth (ft-bmp)	107.64	Water Column (ft)	16.01	Gallons in Well	13.17
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	0.10	Did Well Dewater?	no				
Gallons Purged	1.35						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:21	300	91.70	1500	--	7	1100	7	0.9	22.4	118.1
13:24	300	91.70	2400	--	6.98	1107	6	0.82	22.4	117.5
13:27	300	91.70	3300	--	6.96	1104	6	0.72	22.4	117.7
13:30	300	91.70	4200	--	6.98	1106	5	0.67	22.4	117.1
13:33	300	917.00	5100	--	6.95	1106	5	0.63	22.4	116

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-01-Q221	Sample Time:	13:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Total metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-03	Date	4/22/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	114 to 124	Casing Diameter (in.)	4.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	106.37	Total Depth (ft-bmp)	127.31	Water Column (ft)	20.94	Gallons in Well	17.23
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	0.08	Did Well Dewater?	no				
Gallons Purged	1.43						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:27	300	106.40	1800	--	7.11	1012	8	3.9	20.8	96.1
10:30	300	106.40	2700	--	6.99	968	7	3.15	20.4	97.9
10:33	300	106.40	3600	--	6.96	968	7	3.11	20.8	98.5
10:36	300	106.40	4500	--	6.94	968	6	3.07	20.3	99.2
10:39	300	106.40	5400	--	6.92	968	7	3.02	20.7	99.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-03-Q221	Sample Time:	10:41	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

MW-03

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-03A	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 100	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	102.6	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-03A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-04	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	96.5 to 106.5	Casing Diameter (in.)	4.5
		Well Casing Material	PVC		
Static Water Level (ft-bmp)	95.4	Total Depth (ft-bmp)	109	Water Column (ft)	13.6
		Gallons in Well	11.19		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.14	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:35	300	95.40	0	--	7.09	1256	5	1.02	21.2	92.1
13:39	300	95.42	1200	--	7.14	1260	3	2.11	21.2	94.6
13:43	300	95.42	2400	--	7.14	1259	3	2.14	21.4	97.2
13:47	300	95.42	3600	--	7.14	1260	3	2.19	21.4	98.1
13:51	300	95.42	4800	--	7.14	1260	2	2.22	21.4	98.3
13:55	300	95.42	6000	--	7.15	1260	2	2.24	21.4	98.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-04-Q221	Sample Time:	01:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-04



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-05	Date	4/19/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94 to 104	Casing Diameter (in.)	4.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.38	Total Depth (ft-bmp)	108.92	Water Column (ft)	4.54
				Gallons in Well	3.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.42	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:11	300	104.38	0	--	7.54	1617	13	5.39	19.8	122.9
14:15	300	104.40	1200	--	7.51	1689	8	5.41	19.6	123.8
14:19	300	104.40	2400	--	7.51	1700	6	5.43	19.6	124.3
14:23	300	104.40	3600	--	7.51	1709	5	5.43	19.6	125.1
14:27	300	104.40	4800	--	7.51	1709	5	5.45	19.6	125.5
14:31	300	104.40	600	--	7.51	1708	5	5.46	19.6	125.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-05-Q221	Sample Time:	14:32	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-05



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-09	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	118 to 128	Casing Diameter (in.)	4.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	106.12	Total Depth (ft-bmp)	130	Water Column (ft)	23.88	Gallons in Well	19.64
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	0.16	Did Well Dewater?	no				
Gallons Purged	3.17						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:16	500	106.15	2000	--	7.39	1193	2	2.08	22.4	77.1
13:20	500	106.15	4000	--	7.27	1303	2	2.08	22.2	77.3
13:24	500	106.15	6000	--	7.25	1306	2	2.1	22	77.1
13:28	500	106.15	8000	--	7.26	1303	2	2.09	21.8	78
13:32	500	106.15	10000	--	7.26	1303	2	2.11	21.9	78.2
13:36	500	106.15	12000	--	7.25	1304	2	2.11	22	78.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-09-Q221	Sample Time:	13:37	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-09



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-10	Date	4/8/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	117.5 to 127.5	Casing Diameter (in.)	4.5
		Well Casing Material	PVC		
Static Water Level (ft-bmp)	106.71	Total Depth (ft-bmp)	131.02	Water Column (ft)	24.31
		Gallons in Well	20		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.08	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:11	300	106.73	0	--	7.36	1524	8	1.86	20.3	69.8
13:15	300	106.73	1200	--	7.07	1617	5	1.65	20.3	75.8
13:19	300	106.73	2400	--	7.05	1610	4	1.47	20.4	68.8
13:23	300	106.73	3600	--	7.05	1609	3	1.38	20.4	65.7
13:27	300	106.73	4800	--	7.05	1609	3	1.35	20.4	64.9
13:31	300	106.73	6000	--	7.05	1608	3	1.34	20.5	64.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-10-Q221	Sample Time:	13:32	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-10



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-100C	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	119 to 124	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	100.02	Total Depth (ft-bmp)	124.29	Water Column (ft) 24.27
		Gallons in Well	3.94	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.54	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:07	300	0.5	100.02	--	0	6.75	2416	32	3.89	19.6	124.9
08:11	300	0.5	101.20	--	2	6.76	2423	23	4.07	20.9	112.4
08:15	300	0.5	101.20	--	4	6.76	2437	17	4.21	22.4	103.9
08:19	300	0.5	101.20	--	6	6.76	2445	9	4.19	23.2	101.7
08:23	300	0.5	101.20	--	8	6.77	2457	8	4.26	23.3	102.7
08:27	300	0.5	101.20	--	10	6.77	2460	8	4.28	23.4	103.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-100C-Q221	Sample Time:	08:28	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-100C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-101D	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	99 to 109	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	96.64	Total Depth (ft-bmp)	108.4	Water Column (ft)	11.76	Gallons in Well	1.91
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	3.14	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:57	500	0.25	97.59	--	1	6.94	2823	351	3.42	20.5	87.3
08:01	500	0.25	97.59	--	2	7.05	2846	127	2.91	22.7	67.9
08:05	500	0.25	97.59	--	3	7.12	2841	56	2.52	24.7	61.8
08:09	500	0.25	97.59	--	4	7.15	2804	18	2.3	25.3	58.9
08:13	500	0.25	97.59	--	5	7.15	2810	17	2.21	25.4	55.1
08:17	500	0.25	97.59	--	6	7.16	2809	17	2.19	25.4	52.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-101D-Q221	Sample Time:	08:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	17	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-101D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-102D	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	126 to 136	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	101.79	Total Depth (ft-bmp)	135.95	Water Column (ft) 34.16
		Gallons in Well	5.55	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.80	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:53	300	0.5	101.79	--	0	7.25	984	21	4.17	19.8	106.9
11:57	300	0.5	101.90	--	2	7.25	998	15	4.42	21.1	103.1
12:01	300	0.5	101.90	--	4	7.23	1017	8	4.41	21.9	101.3
12:05	300	0.5	101.90	--	6	7.22	1016	6	4.34	22	99.9
12:09	300	0.5	101.90	--	8	7.22	1019	5	4.32	22	98.7
12:13	300	0.5	101.90	--	10	7.22	1020	5	4.31	22	98.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-102D-Q221	Sample Time:	12:14	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-102D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-102S	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	96 to 111	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	96.86	Total Depth (ft-bmp)	109.99	Water Column (ft) 13.13
		Gallons in Well	2.13	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.82	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:27	300	0.25	96.86	--	0	6.92	1889	198	3.72	20.1	124.9
12:31	300	0.25	97.10	--	1	6.89	1897	82	3.45	21.3	121.7
12:35	300	0.25	97.11	--	2	6.82	1922	84	2.55	23.6	115.9
12:39	300	0.25	97.11	--	3	6.81	1889	47	2.32	23.9	110.3
12:43	300	0.25	97.11	--	4	6.81	1885	43	2.24	23.9	107.9
12:47	300	0.25	97.11	--	5	6.81	1884	41	2.19	24	107.6
12:51	300	0.25	97.11	--	6	6.81	1884	41	2.17	24	105.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-102S-Q221	Sample Time:	12:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	4	Without Filter Turbidity:	41	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-102S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-102S	Date	6/3/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	96 to 111	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	97.4	Total Depth (ft-bmp)	111	Water Column (ft)	13.6
				Gallons in Well	2.21
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

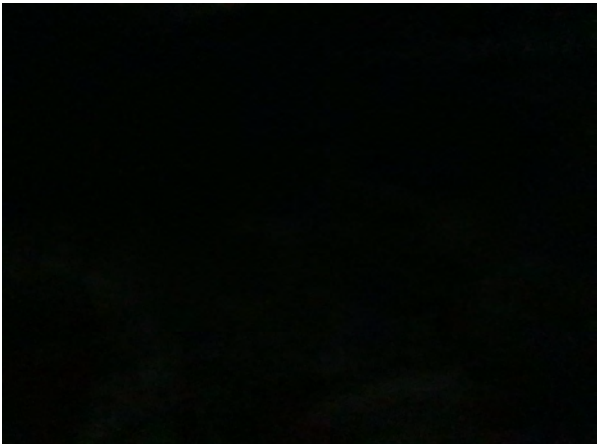
Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-102S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-103D	Date	4/12/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	98.58	Total Depth (ft-bmp)	119.64	Water Column (ft)	21.06
				Gallons in Well	3.42
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.46	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:19	0.25	100.02	--	2	7.22	1797	37	1.32	20.4	120.9
12:23	0.5	100.05	--	2	7.22	1792	12	1.33	20.7	119.3
12:27	0.25	100.06	--	3	7.22	1792	9	1.34	21.8	112.9
12:31	0.25	100.07	--	4	7.21	1790	6	1.36	22	110.5
12:35	0.25	100.06	--	5	7.2	1792	6	1.35	22.1	109.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-103D-Q221	Sample Time:	12:36	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-103D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-103S	Date	4/12/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	85.5	Total Depth (ft-bmp)	93.39	Water Column (ft)	7.89
				Gallons in Well	1.28
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	4.69	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:41	0.25	86.17	--	1	6.9	2183	172	3.45	20.9	133.2
11:45	0.25	86.19	--	2	6.87	2201	85	3.3	22.4	109.7
11:49	0.25	86.22	--	3	6.89	2210	40	3.34	22.4	110.9
11:53	0.25	86.23	--	4	6.91	2207	26	3.38	22	115.4
11:57	0.25	86.22	--	5	6.89	2209	25	3.41	21.9	118.6
12:01	0.25	86.22	--	6	6.91	2201	24	3.42	22	119.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-103S-Q221	Sample Time:	12:02	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	24	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-103S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-104S1	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	77.12	Total Depth (ft-bmp)	90.11	Water Column (ft)	12.99	Gallons in Well	2.11
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	2.84	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:17	300	0.25	77.40	--	1	7.72	802	382	5.41	24	137.5
13:21	300	0.25	77.40	--	2	7.64	8111	165	5.36	24.1	140.4
13:25	300	0.25	77.40	--	3	7.54	822	45	5.63	24.5	146.5
13:29	300	0.5	77.40	--	4	7.58	820	13	5.66	24.1	150.4
13:33	300	0.25	77.40	--	5	7.58	818	12	5.73	24.4	150.8
13:37	300	0.25	77.40	--	6	7.54	821	12	5.71	24.4	151.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-104S1-Q221	Sample Time:	13:39	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	12	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-104S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-105D	Date	4/5/2021							
Site Location	Hinkley	Sampled by	Riggie Tep							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 130	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	82.17	Total Depth (ft-bmp)	129.38	Water Column (ft)	47.21	Gallons in Well	11.99			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	0.83	Did Well Dewater?	no							
Gallons Purged	10.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:58	0.5	82.17	--	0	8.39	434	37	0.35	22.4	-25.3
11:02	0.5	82.30	--	2	8.35	435	47	0.31	22.4	-27.5
11:06	0.5	82.33	--	4	8.21	436	43	0.2	23.7	-45
11:10	0.5	82.33	--	6	8.22	438	30	0.15	24.4	-50.6
11:14	0.5	82.33	--	8	8.28	437	28	0.12	24.7	-56.4
11:18	0.5	82.33	--	10	8.31	435	28	0.1	24.7	-60

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-105D-Q221	Sample Time:	11:19	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	28	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-105D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID MW-105S Date 4/5/2021

Site Location	Hinkley	Sampled by		Riggie Tep			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	79.02	Total Depth (ft-bmp)	94.4	Water Column (ft)	15.38	Gallons in Well	3.9
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	1.54	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:35	0.25	79.02	--	0	7.83	1375	101	2.81	22.7	-18.9
11:39	0.25	79.22	--	1	7.73	1370	63	3.13	22.7	-9
11:43	0.25	79.22	--	2	7.59	1369	44	3.07	25.4	13
11:47	0.25	79.22	--	3	7.58	1368	40	3.14	25.7	15.2
11:51	0.25	79.22	--	4	7.57	1375	33	3.02	26.6	20
11:55	0.25	79.22	--	5	7.56	1373	30	3	26.9	21.2
11:59	0.25	79.22	--	6	7.54	1372	31	3.01	27	23.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-105S-Q221</u>	Sample Time:	<u>12:00</u>	Field Filtered?	<u>yes</u>
			EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	<u>--</u>
Duplicate ID:	<u>MW-908-Q221</u>	Analytes and Methods:			
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>2</u>	Without Filter Turbidity:	<u>31</u>	Double Filtler Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-105S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-105S	Date	6/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	79.12	Total Depth (ft-bmp)	94.82	Water Column (ft) 15.7
		Gallons in Well	3.99	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.51	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:31	500	0.5	79.12	--	0	7.43	1387	56	4.78	22.9	66.5
13:35	500	0.5	79.30	--	2	7.31	1367	30	4.75	24.5	82.3
13:39	500	0.5	79.30	--	4	7.28	1368	17	4.83	24.5	86.2
13:43	500	0.5	79.30	--	6	7.26	1368	10	4.89	24.8	89.9
13:47	500	0.5	79.30	--	8	7.26	1369	9	4.88	24.8	90.2
13:51	500	0.5	79.30	--	10	7.26	1368	9	4.89	24.8	91.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-105S-RE-0621	Sample Time:	13:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-105S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-106D	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	129.5 to 139.5	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	83.51	Total Depth (ft-bmp)	138.48	Water Column (ft)	54.97	Gallons in Well	8.93
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.01	Did Well Dewater?	no				
Gallons Purged	9.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:17	300	0.5	83.72	--	1.5	8.22	361	134	0.4	22.6	39.4
10:20	300	0.5	83.72	--	1.5	8.16	370	35	0.34	22.9	17.2
10:23	300	0.5	83.72	--	4.5	8.11	366	19	0.32	23	4.4
10:26	300	0.5	83.72	--	6	8.12	370	9	0.29	23.2	-8.5
10:29	300	0.5	83.72	--	7.5	8.12	372	9	0.25	23.4	-9.5
10:32	300	0.5	83.72	--	9	8.13	374	9	0.23	23.6	-8.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-106D-Q221	Sample Time:	10:34	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8, EPA 300.0 (Inorganic Ions), SM 2540 C (TDS)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-106D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-106S	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	79.09	Total Depth (ft-bmp)	93.97	Water Column (ft)	14.88	Gallons in Well	2.42
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	2.48	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:54	300	0.25	79.31	--	1	7.75	846	537	3.93	22.3	111.4
10:58	300	0.25	79.31	--	2	7.69	842	386	4.04	23.2	114.4
11:02	300	0.25	79.31	--	3	7.7	798	73	4.16	24.5	120.5
11:06	300	0.25	79.31	--	4	7.7	799	10	4.18	24.3	124.6
11:10	300	0.25	79.31	--	5	7.65	805	9	3.95	24.3	126.4
11:14	300	0.25	79.32	--	6	7.65	810	9	3.99	24.7	130.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-106S-Q221	Sample Time:	11:16	Field Filtered?	yes
Duplicate ID:	MW-915-Q221	Analytes and Methods:	EPA 200.8, EPA 218.6 (Hexavalent Chromium), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-106S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-107D	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 130	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	78.99	Total Depth (ft-bmp)	130	Water Column (ft)	51.01
				Gallons in Well	8.29
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-107D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-107S	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	79.28	Total Depth (ft-bmp)	93.98	Water Column (ft)	14.7	Gallons in Well	2.39
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	2.09	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:47	500	0.25	79.28	--	0	8.47	1229	187	2.6	17.5	0.8
07:51	500	0.25	79.34	--	1	8	1227	54	2.48	23	8.1
07:55	500	0.25	79.34	--	2	7.94	1222	39	2.71	22.9	9.2
07:59	500	0.25	79.34	--	3	7.77	1212	15	3.12	23.1	11.2
08:03	500	0.25	79.34	--	4	7.73	1204	14	3.21	23.1	13.2
08:07	500	0.25	79.34	--	5	7.69	1202	14	3.3	23	15.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-107S-Q221	Sample Time:	08:08	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	14	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-107S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-108D	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 118	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	102.75	Total Depth (ft-bmp)	117.61	Water Column (ft)	14.86	Gallons in Well	2.41
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	2.07	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:39	500	0.25	102.81	--	1	7.28	871	11	2.16	21.2	26.2
09:43	500	0.25	102.81	--	2	7.3	862	5	2.14	23.5	22
09:47	500	0.25	102.81	--	3	7.33	864	4	1.96	24.9	18.7
09:51	500	0.25	102.81	--	5	7.34	865	4	1.96	24.9	18
09:55	500	0.25	102.81	--	5	7.34	863	4	1.92	24.9	17.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-108D-Q221	Sample Time:	09:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-108D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-109	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93 to 103	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	98.23	Total Depth (ft-bmp)	102.63	Water Column (ft)	4.4
				Gallons in Well	0.71
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	2.98	Did Well Dewater?	no		
Gallons Purged	2.11				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:39	400	98.27	1600	--	7.45	1795	76	1.49	23.4	37.8
11:43	400	98.27	3200	--	7.43	1763	35	1.5	22.8	37.6
11:47	400	98.27	4800	--	7.45	1753	13	1.48	22.9	38.3
11:51	400	98.27	5400	--	7.44	1754	12	1.47	23.1	39.7
11:55	400	98.27	8000	--	7.43	1757	12	1.47	23.2	40.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-109-Q221	Sample Time:	11:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	12	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-109



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-110D	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 130	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	89.64	Total Depth (ft-bmp)	129.56	Water Column (ft) 39.92
		Gallons in Well	10.14	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.18	Did Well Dewater?	no	
Gallons Purged	12.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:59	300	0.5	89.64	--	0	7.47	742	39	1.76	21.2	6.9
13:03	300	0.5	89.80	--	2	7.48	766	30	3.16	22.2	34.9
13:07	300	0.5	89.80	--	4	7.45	767	14	3.4	22.9	36.6
13:11	300	0.5	89.80	--	6	7.45	761		3.39	22.9	32.9
13:15	300	0.5	89.80	--	8	7.45	767	8	3.41	22.9	28.8
13:19	300	0.5	89.80	--	10	7.45	765	7	3.45	23	27.6
13:23	300	0.5	89.80	--	12	7.45	766	7	3.38	23	27.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-110D-Q221	Sample Time:	13:24	Field Filtered?	yes
Duplicate ID:	MW-949-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-110D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-110S	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	80.06	Total Depth (ft-bmp)	90.61	Water Column (ft) 10.55
		Gallons in Well	2.68	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.87	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:36	300	0.25	80.06	--	0	7.52	1596	149	1.75	21.9	44.8
13:40	300	0.25	80.30	--	1	7.55	1602	67	2.14	22.9	37.9
13:44	300	0.25	80.41	--	2	7.56	1605	47	2.17	23.4	36.8
13:48	300	0.25	80.41	--	3	7.56	1605	39	2.19	23.7	38.6
13:52	300	0.25	80.41	--	4	7.56	1608	37	2.19	23.8	40.1
13:56	300	0.25	80.41	--	5	7.56	1605	37	2.21	23.8	41.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-110S-Q221	Sample Time:	13:57	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-729-Q221	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	37	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-110S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-110S	Date	6/3/2021						
Site Location	Hinkley	Sampled by	Andrew Pham						
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	2.5	Well Casing Material	PVC		
Static Water Level (ft-bmp)	80.02	Total Depth (ft-bmp)	90	Water Column (ft)	9.98	Gallons in Well	2.53		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment					
Well Volumes Purged	N/A	Did Well Dewater?	no						
Gallons Purged									

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

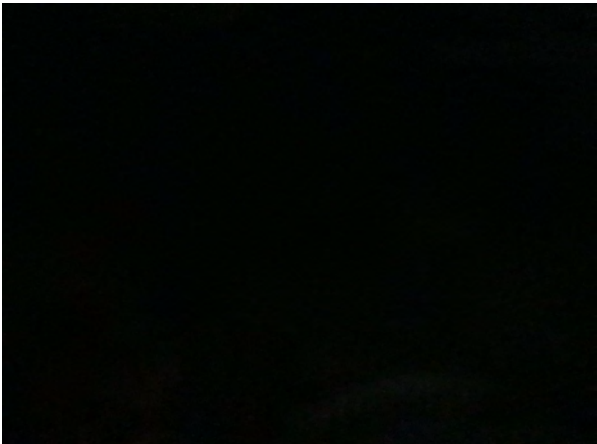
Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-110S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-110S	Date	6/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	80.11	Total Depth (ft-bmp)	90.58	Water Column (ft) 10.47
		Gallons in Well	2.66	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.88	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:51	500	0.25	80.11	--	0	7.81	1654	34	2.58	24.3	56.9
12:55	500	0.25	80.30	--	1	7.62	1636	22	2.56	24.5	51.2
12:59	500	0.25	80.32	--	2	7.56	1635	15	2.89	24.6	53.6
13:03	500	0.25	80.32	--	3	7.54	1640	10	3.04	24.5	56.9
13:07	500	0.25	80.32	--	4	7.54	1638	9	3.09	24.5	58.9
13:11	500	0.25	80.32	--	5	7.53	1636	9	3.11	24.5	59.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-110S-RE-0621	Sample Time:	13:12	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-110S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-111D	Date	4/5/2021							
Site Location	Hinkley	Sampled by	Josh Alessi							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	150 to 160	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	81.37	Total Depth (ft-bmp)	159.25	Water Column (ft)	77.88	Gallons in Well	19.77			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	1.01	Did Well Dewater?	no							
Gallons Purged	20.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:05	0.5	83.92	--	2	7.67	607	35	0.69	22.8	38.3
11:09	0.5	89.21	--	4	7.68	581	32	0.61	23.2	33.8
11:13	0.5	92.43	--	6	7.69	571	34	0.45	23.8	10.2
11:17	0.5	96.59	--	8	7.69	568	38	0.39	24.6	4.8
11:21	0.5	102.19	--	10	7.71	585	30	0.31	24.9	-4.5
11:25	0.5	107.08	--	12	7.72	589	31	0.29	25	-8.3
11:29	0.5	112.23	--	14	7.72	572	30	0.28	25.1	-10.2
11:33	0.5	116.21	--	16	7.72	579	30	0.26	25.4	-12.5
11:37	0.5	120.51	--	18	7.73	568	31	0.27	25.8	-14.3
11:41	0.5	125.67	--	20	7.73	581	30	0.25	25.8	-15.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-111D-Q221</u>	Sample Time:	<u>11:42</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), Uranium, Dissolved EPA 200.8</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>9</u>	Without Filter Turbidity:	<u>30</u>	Double Filter Turbidity:	<u>4</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-111D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-111S1	Date	4/5/2021							
Site Location	Hinkley	Sampled by	Josh Alessi							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82 to 97	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	75.69	Total Depth (ft-bmp)	97.39	Water Column (ft)	21.7	Gallons in Well	5.51			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	1.09	Did Well Dewater?	no							
Gallons Purged	6.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:02	0.25	77.11	--	1	7.44	742	27	1.06	23.2	41.5
12:06	0.25	77.11	--	2	7.42	741	13	0.96	24.6	41
12:10	0.25	77.11	--	3	7.45	743	5	0.97	24.9	36.7
12:14	0.25	77.11	--	4	7.46	746	5	0.98	24.9	35.4
12:18	0.25	77.11	--	5	7.46	744	5	0.97	24.9	35.1
12:22	0.25	77.11	--	6	7.46	745	5	0.96	24.9	34.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-111S1-Q221	Sample Time:	12:23	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals), Uranium, Dissolved EPA 200.8	MS/MSD ID:	MW-111S1-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-111S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-111S2	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	75.81	Total Depth (ft-bmp)	119.14	Water Column (ft)	43.33
				Gallons in Well	11
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no		
Gallons Purged	11.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:39	0.5	76.49	--	2	7.42	881	185	0.8	22.7	-9.7
12:43	0.5	76.52	--	4	7.39	856	61	0.83	23.4	8.3
12:47	0.5	76.52	--	6	7.39	835	12	0.8	24.2	19.4
12:51	0.5	77.52	--	8	7.44	830	11	0.8	24.9	22.4
12:55	0.5	77.52	--	11	7.43	829	11	0.79	25	22.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-111S2-Q221	Sample Time:	12:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium, Dissolved), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS)	MS/MSD ID:	MW-111S2-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-111S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-112D	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	145 to 155	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	92.21	Total Depth (ft-bmp)	154.72	Water Column (ft)	62.51	Gallons in Well	15.87
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	16.50						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:05	300	0.5	94.11	--	2.5	7.56	823	5	1.68	22.8	116.4
14:10	300	0.5	94.11	--	5	7.52	815	5	1.69	23.1	119.5
14:15	300	0.5	94.11	--	7.5	7.49	748	4	1.7	23.4	122.5
14:20	300	0.5	94.11	--	10	7.51	705	4	1.68	23.6	126.5
14:25	300	0.5	94.11	--	12.5	7.51	705	4	1.69	23.6	126.4
14:30	300	0.5	94.11	--	15	7.51	700	4	1.58	23.7	126.4
14:33	300	0.5	94.11	--	16.5	7.51	701	4	1.65	23.7	126.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-112D-Q221	Sample Time:	14:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-728-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-112D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-112S	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82 to 97	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	83.63	Total Depth (ft-bmp)	96.89	Water Column (ft) 13.26
		Gallons in Well	3.37	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.78	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:17	300	0.25	83.91	--	1	7.61	2018	807	5.37	22.6	129.5
13:21	300	0.25	83.91	--	2	7.25	2018	311	5.59	23.1	144.4
13:25	300	0.25	83.91	--	3	7.16	2026	84	5.71	23.4	150.4
13:29	300	0.25	83.91	--	4	7.14	2031	27	5.87	23.4	153.6
13:33	300	0.25	83.91	--	5	7.11	2031	25	5.97	23.5	156.3
13:37	300	0.25	83.91	--	6	7.11	2032	25	5.88	23.7	155.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-112S-Q221	Sample Time:	13:39	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	25	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-112S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-113S1	Date	4/5/2021							
Site Location	Hinkley	Sampled by	Josh Alessi							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	73.46	Total Depth (ft-bmp)	99.95	Water Column (ft)	26.49	Gallons in Well	6.73			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	1.04	Did Well Dewater?	no							
Gallons Purged	7.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:12	0.25	73.81	--	1	7.05	589	141	1.69	22.7	59.8
10:16	0.25	73.81	--	2	7.17	571	66	1.52	23.4	46.1
10:20	0.25	73.81	--	3	7.23	578	14	1.34	24.5	35.5
10:24	0.5	73.81	--	5	7.21	577	14	1.38	24.5	35.8
10:28	0.5	73.81	--	7	7.25	579	13	1.37	24.6	33.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-113S1-Q221	Sample Time:	10:29	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	4	Without Filter Turbidity:	13	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

MW-113S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-114D1	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	129 to 139	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	85.21	Total Depth (ft-bmp)	139.39	Water Column (ft) 54.18
		Gallons in Well	13.76	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no	
Gallons Purged	14.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:49	300	0.5	85.21	--	0	7.86	484	60	0.27	21	64.8
08:53	300	0.5	88.75	--	2	8.23	473	36	0.2	22.3	22.8
08:57	300	0.5	89.10	--	4	8.27	466	20	0.18	22.6	13.9
09:01	300	0.5	89.10	--	6	8.27	562	14	0.17	22.7	-6.8
09:05	300	0.5	89.10	--	8	8.28	462	11	0.16	22.7	-12.3
09:09	300	0.5	89.10	--	10	8.28	461	9	0.17	22.7	-15.9
09:13	300	0.5	89.10	--	12	8.29	461	8	0.16	22.8	-17.5
09:17	300	0.5	89.10	--	14	8.29	461	8	0.16	22.8	-18.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-114D1-Q221	Sample Time:	09:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-114D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-114D2	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	157 to 167	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	85.95	Total Depth (ft-bmp)	166.7	Water Column (ft) 80.75
		Gallons in Well	20.5	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.17	Did Well Dewater?	no	
Gallons Purged	24.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:57	300	0.75	85.08	--	0	8.44	460	35	0.55	22.3	82.5
08:01	300	0.75	89.12	--	3	8.38	460	29	0.39	22.6	81.9
08:05	300	0.75	91.43	--	6	8.35	460	17	0.34	22.7	80.4
08:09	300	0.75	92.10	--	9	8.34	461	11	0.33	22.7	80.4
08:13	300	0.75	92.10	--	12	8.34	461	8	0.32	22.7	79.3
08:17	300	0.75	92.10	--	15	8.33	461	7	0.31	22.8	79.1
08:21	300	0.75	92.10	--	18	8.34	461	7	0.31	22.8	77.9
08:25	300	0.75	92.10	--	21	8.34	461	6	0.31	22.8	77.5
08:29	300	0.75	92.10	--	24	8.34	461	6	0.31	22.8	77.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-114D2-Q221</u>	Sample Time:	<u>08:30</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>6</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-114D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-114S	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84 to 99	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	85.01	Total Depth (ft-bmp)	99.46	Water Column (ft) 14.45
		Gallons in Well	3.67	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.36	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:31	300	0.25	85.01	--	0	8.11	399	40	0.66	19.3	35.9
09:35	300	0.25	85.51	--	1	8.12	397	45	0.52	21.5	10.6
09:39	300	0.25	86.10	--	2	8.1	397	38	0.53	22.2	8.9
09:43	300	0.25	86.12	--	3	8.11	398	36	0.52	22.6	7.6
09:47	300	0.25	86.12	--	4	8.1	397	35	0.51	22.6	7.1
09:51	300	0.25	86.12	--	5	8.1	397	35	0.51	22.7	6.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-114S-Q221	Sample Time:	09:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	35	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-114S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-115D	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	103 to 113	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	88.98	Total Depth (ft-bmp)	113.27	Water Column (ft) 24.29
		Gallons in Well	6.17	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.62	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:15	300	0.5	88.98	--	0	7.61	395	51	0.72	20.4	88.7
10:19	300	0.5	89.10	--	2	7.72	386	17	1.32	22.6	73.9
10:23	300	0.5	89.10	--	4	7.73	385	11	1.38	22.6	71.3
10:27	300	0.5	89.10	--	6	7.73	385	8	1.4	22.6	70.5
10:31	300	0.5	89.10	--	8	7.73	384	7	1.43	22.6	70.3
10:35	300	0.5	89.10	--	10	7.73	384	7	1.37	22.6	69.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-115D-Q221	Sample Time:	10:36	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-115D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-115S	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Nara Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	65.81	Total Depth (ft-bmp)	90.3	Water Column (ft)	24.49	Gallons in Well	6.22
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.61	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:49	300	0.5	65.81	--	0	7.59	864	45	0.85	20.3	90.6
10:53	300	0.5	71.12	--	2	7.56	709	37	1.83	22.5	79.6
10:57	300	0.5	73.20	--	4	7.57	741	25	1.96	22.6	80.8
11:01	300	0.5	73.20	--	6	7.59	809	9	1.77	22.7	78.7
11:05	300	0.5	73.20	--	8	7.61	814	8	1.81	22.7	78.6
11:09	300	0.5	73.20	--	10	7.62	821	8	1.83	22.8	78.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-115S-Q221	Sample Time:	11:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-115S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-116D1	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	105 to 120	Casing Diameter (in.) 2.5
				Well Casing Material PVC
Static Water Level (ft-bmp)	92.59	Total Depth (ft-bmp)	119.19	Water Column (ft) 26.6
				Gallons in Well 6.75
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.33	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:27	300	0.5	92.98	--	1.5	7.54	1395	69	2.98	21.8	176.4
09:30	300	0.5	92.98	--	3	7.21	1499	29	3.02	23.4	180.2
09:33	300	0.5	92.98	--	4.5	7.14	1498	7	2.94	23.6	184.2
09:36	300	0.5	92.98	--	6	7.11	1493	6	2.98	23.52	184.4
09:39	300	0.5	92.97	--	7.5	7.08	1491	6	2.96	23.6	187.3
09:42	300	0.5	92.98	--	9	7.09	1498	6	2.94	23.6	186.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-116D1-Q221	Sample Time:	09:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-116D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-116D2	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	133 to 143	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	92.93	Total Depth (ft-bmp)	142.12	Water Column (ft) 49.19
		Gallons in Well	12.49	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no	
Gallons Purged	12.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:09	300	0.5	93.89	--	2.5	7.89	616	181	2.59	23	168.3
10:13	300	0.5	93.89	--	4.5	7.83	623	48	2.78	23.1	167.4
10:17	300	0.5	93.89	--	6.5	7.76	636	44	2.99	23.3	168.3
10:21	300	0.5	93.89	--	8.5	7.74	643	21	3.29	23.3	168.4
10:25	300	0.5	93.89	--	10.5	7.7	652	20	3.25	23.3	171.4
10:29	300	0.5	93.89	--	12.5	7.69	656	20	3.41	23.4	173.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-116D2-Q221	Sample Time:	10:31	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-116D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-116S	Date	6/3/2021						
Site Location	Hinkley	Sampled by	Andrew Pham						
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC		
Static Water Level (ft-bmp)	77.62	Total Depth (ft-bmp)	96.5	Water Column (ft)	18.88	Gallons in Well	4.79		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment					
Well Volumes Purged	N/A	Did Well Dewater?	no						
Gallons Purged									

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-116S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-116S	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	77.74	Total Depth (ft-bmp)	94.29	Water Column (ft)	16.55	Gallons in Well	4.2
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.19	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:56	300	0.25	79.72	--	1	7.59	816	303	3.83	22.9	184.5
11:00	300	0.25	79.72	--	2	7.38	945	22	5.55	23.6	188.5
11:04	300	0.25	79.72	--	3	7.35	952	8	5.52	23.8	188.4
11:08	300	0.25	79.72	--	4	7.34	952	8	5.57	23.3	189.3
11:12	300	0.25	79.72	--	5	7.33	954	8	5.51	23.8	190.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-116S-Q221	Sample Time:	11:14	Field Filtered?	yes
Duplicate ID:	MW-950-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-116S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-117S1	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	81.44	Total Depth (ft-bmp)	94.85	Water Column (ft)	13.41	Gallons in Well	3.4
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.76	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:54	200	0.25	81.44	--	0	--	--	87	0.49	--	-2.1
07:58	200	0.25	81.54	--	1	8.13	1834	27	0.54	22.3	-4.6
08:02	200	0.25	81.54	--	2	7.96	1756	28	1.27	23.1	-9.4
08:06	200	0.25	81.54	--	3	7.83	1844	27	1.22	25.6	-10.2
08:10	200	0.25	81.54	--	4	7.79	1893	26	1.1	26.4	-11.2
08:14	200	0.25	81.54	--	5	7.73	1926	25	1.28	26.9	-10.5
08:18	200	0.25	81.54	--	6	7.7	1948	25	1.3	27	-10

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-117S1-Q221	Sample Time:	08:19	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	25	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-117S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-118S	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	76.82	Total Depth (ft-bmp)	89.61	Water Column (ft) 12.79
		Gallons in Well	3.25	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.85	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:44	300	0.25	77.42	--	1	7.74	862	267	5.55	21.9	148.3
11:48	300	0.25	77.42	--	2	7.63	873	101	5.37	23.4	146.3
11:52	300	0.25	77.42	--	3	7.63	906	44	5.36	24.4	147.4
11:56	300	0.25	77.42	--	4	7.61	904	26	5.32	24.4	146.4
12:00	300	0.25	77.42	--	5	7.59	911	24	5.31	24.6	147.3
12:04	300	0.25	77.42	--	6	7.53	914	24	5.34	24.4	145.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-118S-Q221	Sample Time:	12:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	24	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-118S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-11B	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	118 to 128	Casing Diameter (in.) 4.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	94.54	Total Depth (ft-bmp)	130.72	Water Column (ft) 36.18
		Gallons in Well	29.76	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no	
Gallons Purged	30.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:17	300	1.5	94.54	--	0	7.26	1578	15	0.27	21.6	59.7
09:21	300	1.5	94.80	--	6	7.23	1577	11	0.24	22.2	55.8
09:25	300	1.5	94.80	--	12	7.18	1605	7	0.25	22.5	51.9
09:29	300	1.5	94.80	--	18	7.17	1599	6	0.24	22.5	49.8
09:33	300	1.5	94.80	--	24	7.17	1596	5	0.23	22.8	47.8
09:37	300	1.5	94.80	--	30	7.17	1598	5	0.22	22.8	47.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-11B-Q221	Sample Time:	09:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-11B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-121D	Date	6/1/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	109 to 119	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	94.5	Total Depth (ft-bmp)	119.28	Water Column (ft) 24.78
Well Casing Material	PVC	Gallons in Well	6.29	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.59	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:49	500	0.5	94.50	--	0	7.61	669	31	3.98	23.1	89.3
11:53	500	0.5	94.60	--	2	7.59	669	21	4.26	23.3	86.9
11:57	500	0.5	94.60	--	4	7.56	670	12	4.32	23.5	90.3
12:01	500	0.5	94.60	--	6	7.57	670	7	4.32	23.5	89.6
12:05	500	0.5	94.60	--	8	7.56	670	6	4.33	23.5	91.2
12:09	500	0.5	94.60	--	10	7.56	670	6	4.34	23.5	92.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-121D-RE-0621	Sample Time:	12:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-121D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-121D	Date	4/6/2021							
Site Location	Hinkley	Sampled by	Riggie Tep							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	109 to 119	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	94.5	Total Depth (ft-bmp)	118.72	Water Column (ft)	24.22	Gallons in Well	6.15			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	0.81	Did Well Dewater?	no							
Gallons Purged	5.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:42	0.25	94.50	--	0	8.01	640	99	2.58	22.9	37.7
13:46	0.25	94.65	--	1	7.95	657	56	2.16	23.1	26.8
13:50	0.25	94.65	--	2	7.9	675	39	2.16	24.2	20.2
13:54	0.25	94.65	--	3	7.87	670	39	1.9	25.6	15.2
13:58	0.25	94.65	--	4	7.86	673	39	1.9	26.4	11.7
14:02	0.25	94.65	--	5	7.87	672	38	1.91	26.2	10.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-121D-Q221	Sample Time:	14:03	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	38	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-121D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-121S	Date	4/6/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	86 to 101	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	92.92	Total Depth (ft-bmp)	96.9	Water Column (ft)	3.98	Gallons in Well	1.01
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	1.26	Did Well Dewater?	no				
Gallons Purged	1.27						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:16	200	92.92	0	--	7.65	1352	66	3.94	27	47.7
14:20	200	92.96	800	--	7.73	1401	85	2.14	23.1	29.4
14:24	200	92.96	1600	--	7.72	1395	29	2.29	22.4	23
14:28	200	92.96	2400	--	7.71	1408	27	2.37	22.1	23.1
14:32	200	92.96	3200	--	7.7	1410	27	2.3	22.1	23
14:36	200	92.96	4000	--	7.7	1409	27	2.27	22.1	23.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-121S-Q221	Sample Time:	14:37	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-706-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	27	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PHOTO LOG

MW-121S

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-122D	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	117 to 127	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	99.4	Total Depth (ft-bmp)	126.94	Water Column (ft) 27.54
		Gallons in Well	6.99	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no	
Gallons Purged	7.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:56	500	0.25	100.71	--	1	7.46	540	22	1.11	22.3	15.9
09:00	500	0.25	100.71	--	2	7.53	541	21	1.11	23.9	4.8
09:04	500	0.25	100.71	--	3	7.58	545	19	1.1	24.3	-7.6
09:08	500	0.25	100.71	--	4	7.58	540	14	1.07	24.7	-13.1
09:12	500	0.25	100.71	--	5	7.59	542	11	1.01	25.6	-21.1
09:16	500	0.25	100.71	--	6	7.59	543	11	1	25.6	-23.2
09:20	500	0.25	100.71	--	7	7.59	544	11	1	25.7	-23.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-122D-Q221	Sample Time:	09:21	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-122D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-123S1	Date	4/5/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	77.85	Total Depth (ft-bmp)	94.59	Water Column (ft)	16.74	Gallons in Well	4.25
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.18	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:36	0.25	78.23	--	1	7.44	1617	37	0.77	25.5	34.9
13:40	0.25	78.23	--	2	7.43	1643	5	0.71	27.4	32.5
13:44	0.25	78.23	--	3	7.43	1649	4	0.68	27.9	29.2
13:48	0.25	78.23	--	4	7.42	1641	4	0.67	27.8	27.1
13:52	0.25	78.23	--	5	7.42	1645	4	0.65	27.8	25.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-123S1-Q221	Sample Time:	13:53	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium, Dissolved), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-123S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-123S2	Date	4/5/2021							
Site Location	Hinkley	Sampled by	Josh Alessi							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	106 to 116	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	78.64	Total Depth (ft-bmp)	115.29	Water Column (ft)	36.65	Gallons in Well	9.31			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	1.07	Did Well Dewater?	no							
Gallons Purged	10.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:11	0.5	78.87	--	2	7.33	2897	40	0.51	24.7	40.1
14:15	0.5	78.87	--	4	7.32	2953	14	0.54	25.3	40.2
14:19	0.5	78.87	--	6	7.33	2988	9	0.53	25.5	40.2
14:23	0.5	78.87	--	8	7.32	2991	9	0.53	25.5	39.1
14:27	0.5	78.87	--	10	7.32	2996	9	0.5	25.6	39.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-123S2-Q221	Sample Time:	14:28	Field Filtered?	yes
Duplicate ID:	MW-916-Q221	Analytes and Methods:	EPA 200.8 (Uranium, Dissolved), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon)		
Ambient Blank ID:	--	Equipment Blank ID:	EB-702-Q221	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-123S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-123S2	Date	6/2/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	106 to 116	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	78.41	Total Depth (ft-bmp)	115.6	Water Column (ft) 37.19
		Gallons in Well	9.44	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.06	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:11	500	0.5	78.41	--	0	7.42	2697	113	4.46	23.6	105.8
13:15	500	0.5	78.60	--	2	7.27	2856	41	4.34	23.9	90.9
13:19	500	0.5	78.60	--	4	7.24	2859	22	4.27	24.1	87.6
13:23	500	0.5	78.60	--	6	7.24	2857	10	4.21	24.1	81.3
13:27	500	0.5	78.60	--	8	7.22	2859	9	4.15	24.1	81.9
13:31	500	0.5	78.60	--	10	7.22	2867	9	4.13	24.1	82.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-123S2-RE-0621	Sample Time:	13:32	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-123S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-124D	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	165 to 175	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	82.64	Total Depth (ft-bmp)	174.11	Water Column (ft) 91.47
Well Casing Material	PVC	Gallons in Well	23.22	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.08	Did Well Dewater?	no	
Gallons Purged	25.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:51	200	1	82.64	--	0	8.64	549	19	0.32	22.2	-18
10:55	200	1	82.88	--	4	8.58	562	17	0.33	22.3	-19.7
10:59	200	1	82.88	--	10	8.29	602	7	0.42	23.5	-27
11:03	200	1	82.88	--	15	8.17	595	4	0.41	23.7	-33.8
11:07	200	1	82.88	--	20	8.15	604	3	0.4	23.7	-37
11:11	200	1	82.88	--	25	8.14	602	3	0.4	23.7	-39.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-124D-Q221	Sample Time:	11:12	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Dissolved Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	MW-124D-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-124D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-124S1	Date	6/2/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	77.16	Total Depth (ft-bmp)	94.9	Water Column (ft) 17.74
		Gallons in Well	4.5	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.22	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:55	500	0.5	94.90	--	0	7.78	663	43	2.08	21.7	78.9
07:59	500	0.5	95.03	--	2	7.63	803	24	3.45	23	86.3
08:03	500	0.5	95.03	--	4	7.62	814	11	3.67	23.1	89.3
08:07	500	0.5	95.03	--	6	7.62	817	6	3.71	23.1	91.2
08:11	500	0.5	95.03	--	8	7.62	815	5	3.75	23.1	93.3
08:15	500	0.5	95.03	--	10	7.62	818	5	3.78	23.1	94.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-124S1-RE-0621	Sample Time:	08:16	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-124S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-124S1	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	77.12	Total Depth (ft-bmp)	94.6	Water Column (ft)	17.48	Gallons in Well	4.44
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.13	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:06	200	0.25	77.12	--	0	8.2	667	30	2.5	21.1	4.6
10:10	200	0.25	77.20	--	1	8.01	658	74	1.43	22.5	-4.9
10:14	200	0.25	77.20	--	2	7.9	694	72	2.06	24.2	-3.1
10:18	200	0.25	77.20	--	3	7.86	768	11	2.59	24.9	2.4
10:22	200	0.25	77.20	--	4	7.85	775	11	2.69	25	4
10:26	200	0.25	77.20	--	5	7.85	782	11	2.8	25.2	5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-124S1-Q221	Sample Time:	10:27	Field Filtered?	yes
Duplicate ID:	MW-917-Q221	Analytes and Methods:	EPA 200.8 (Dissolved Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-124S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-124S2	Date	4/7/2021								
Site Location	Hinkley	Sampled by	Riggie Tep								
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	105 to 115	Casing Diameter (in.)	2.5	Well Casing Material	PVC				
Static Water Level (ft-bmp)	77.33	Total Depth (ft-bmp)	115	Water Column (ft)	37.67	Gallons in Well	9.56				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2						
Well Volumes Purged	1.05	Did Well Dewater?	no								
Gallons Purged	10.00										

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:35	200	0.5	77.33	--	0	8.17	1096	167	2.69	21.4	2.6
09:39	200	0.5	77.44	--	2	7.91	1174	40	2.98	22.6	11.4
09:43	200	0.5	77.44	--	4	7.84	1163	23	3.04	23.9	11.8
09:47	200	0.5	77.44	--	6	7.82	1160	11	3.15	23.9	11
09:51	200	0.5	77.44	--	8	7.82	1149	11	3.17	23.9	10.4
09:55	200	0.5	77.44	--	10	7.81	1142	11	3.17	23.9	10

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-124S2-Q221	Sample Time:	09:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Dissolved Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	MW-124S2-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-124S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-125S1	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	77.35	Total Depth (ft-bmp)	94.7	Water Column (ft)	17.35	Gallons in Well	4.41
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.13	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:06	200	0.25	77.35	--	0	--	--	126	3.75	--	37.7
12:10	200	0.25	77.42	--	1	7.5	2982	115	3.58	22.8	30.9
12:14	200	0.25	77.42	--	2	7.43	2931	24	3.42	25.1	30.1
12:18	200	0.25	77.42	--	3	7.39	2891	6	3.48	26.4	29.4
12:22	200	0.25	77.42	--	4	7.39	2856	6	3.52	26.6	29.6
12:26	200	0.25	77.42	--	5	7.39	2848	6	3.5	26.7	29.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-125S1-Q221	Sample Time:	12:27	Field Filtered?	yes
Duplicate ID:	MW-918-Q221	Analytes and Methods:	EPA 200.8 (Dissolved Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	EB-711-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-125S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-125S2	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	117.5 to 127.5	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	77.25	Total Depth (ft-bmp)	127.1	Water Column (ft)	49.85	Gallons in Well	12.66
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.18	Did Well Dewater?	no				
Gallons Purged	15.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:35	200	0.75	77.25	--	0	7.69	2708	36	1.33	22.9	29.9
11:39	200	0.75	77.39	--	3	7.55	2918	8	3.13	23	22.2
11:43	200	0.75	77.39	--	6	7.5	2908	4	3.35	23.8	25.1
11:47	200	0.75	77.39	--	9	7.48	2878	3	3.44	23.8	26.2
11:51	200	0.75	77.39	--	12	7.47	2863	3	3.47	23.9	26.6
11:55	200	0.75	77.39	--	15	7.46	2869	3	3.48	23.9	27.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-125S2-Q221	Sample Time:	11:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Dissolved Uranium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS)	MS/MSD ID:	MW-125S2-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-125S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-126S1	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	83.03	Total Depth (ft-bmp)	94.91	Water Column (ft)	11.88	Gallons in Well	3.02
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.66	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:40	200	0.25	83.03	--	0	--	--	88	3.2	--	37.2
11:44	200	0.25	83.19	--	1	7.36	3704	68	3.31	22.8	34.1
11:48	200	0.25	83.19	--	2	7.29	3710	36	3.18	24.4	34.6
11:52	200	0.25	83.19	--	3	7.26	3722	21	3.07	25.2	34.6
11:56	200	0.25	83.19	--	4	7.25	3723	21	3.11	26	33.5
12:00	200	0.25	83.19	--	5	7.24	3724	20	3.23	26.3	32.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-126S1-Q221	Sample Time:	12:01	Field Filtered?	yes
Duplicate ID:	MW-919-Q221	Analytes and Methods:	EPA 200.8 (Dissolved Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-126S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-126S2	Date	6/2/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	106 to 116	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	83.1	Total Depth (ft-bmp)	116.22	Water Column (ft) 33.12
		Gallons in Well	8.41	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.19	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:57	500	0.5	83.10	--	0	7.16	3997	35	3.34	22.2	78.9
14:01	500	0.5	83.27	--	2	7.07	4008	17	3.13	23.1	77.9
14:05	500	0.5	83.27	--	4	7.03	4016	11	3.07	23.2	75.3
14:09	500	0.5	83.27	--	6	7.02	4017	7	3.04	23.2	74.7
14:13	500	0.5	83.27	--	8	7.02	4019	6	3.02	23.2	74.4
14:17	500	0.5	83.27	--	10	7.01	4017	6	3.01	23.2	72.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-126S2-RE-0621	Sample Time:	14:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-786-0621	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-126S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-126S2	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	106 to 116	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	83.16	Total Depth (ft-bmp)	116.33	Water Column (ft)	33.17	Gallons in Well	8.42
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.19	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:02	200	0.5	83.16	--	0	--	--	12	1.42	--	41.3
11:06	200	0.5	83.28	--	2	7.35	4027	11	1.29	22.8	34.2
11:10	200	0.5	83.28	--	4	7.24	4039	8	1.21	24	30.5
11:14	200	0.5	83.28	--	6	7.16	4041	7	1.2	24.4	27.5
11:18	200	0.5	83.28	--	8	7.12	4042	6	1.18	24.5	23.9
11:22	200	0.5	83.28	--	10	7.11	4044	6	1.18	24.6	22.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-126S2-Q221	Sample Time:	11:23	Field Filtered?	yes
Duplicate ID:	MW-920-Q221	Analytes and Methods:	EPA 200.8 (Dissolved Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-126S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-127S1	Date	4/8/2021								
Site Location	Hinkley	Sampled by	Riggie Tep								
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2.5	Well Casing Material	PVC				
Static Water Level (ft-bmp)	83	Total Depth (ft-bmp)	94.48	Water Column (ft)	11.48	Gallons in Well	2.91				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2						
Well Volumes Purged	2.06	Did Well Dewater?	no								
Gallons Purged	6.00										

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:06	200	0.25	83.00	--	0	7.36	4849	161	2.58	25.4	57.5
13:10	200	0.25	83.15	--	1	7.24	4749	109	2.07	23.7	36.7
13:14	200	0.25	83.15	--	2	7.14	4905	58	1.87	25.4	33.2
13:18	200	0.25	83.15	--	3	7.07	5003	47	1.88	27.1	32
13:22	200	0.25	83.15	--	4	7.05	5096	36	1.95	27.3	31.4
13:26	200	0.25	83.15	--	5	7.04	5112	36	2.02	27.3	29.9
13:30	200	0.25	83.15	--	6	7.03	5133	35	2.07	27.3	29.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-127S1-Q221</u>	Sample Time:	<u>13:31</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-715-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>2</u>	Without Filter Turbidity:	<u>35</u>	Double Filtler Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-127S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID MW-127S2 Date 4/8/2021

Site Location	Hinkley	Sampled by		Riggie Tep			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	112 to 122	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	83.23	Total Depth (ft-bmp)	123.5	Water Column (ft)	40.27	Gallons in Well	10.22
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	1.17	Did Well Dewater?	no				
Gallons Purged	12.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:28	200	0.5	83.23	--	0	7.29	4209	224	1.9	22.2	34.3
12:32	200	0.5	83.40	--	2	7.4	3975	156	1.93	23.4	24.4
12:36	200	0.5	83.40	--	4	7.28	4262	118	2.04	24.3	26
12:40	200	0.5	83.40	--	6	7.19	4430	84	1.99	24.7	27.4
12:44	200	0.5	83.40	--	8	7.13	4541	36	1.99	24.8	27.8
12:48	200	0.5	83.40	--	10	7.09	4611	35	2	25	28.3
12:52	200	0.5	83.40	--	12	7.07	4623	35	1.99	25.1	28.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-127S2-Q221</u>	Sample Time:	<u>12:53</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>2</u>	Without Filter Turbidity:	<u>35</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-127S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-128S1	Date	4/5/2021							
Site Location	Hinkley	Sampled by	Riggie Tep							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82 to 97	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	80.11	Total Depth (ft-bmp)	97.05	Water Column (ft)	16.94	Gallons in Well	4.3			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	1.98	Did Well Dewater?	no							
Gallons Purged	8.50									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:57	0.25	80.11	--	0	7.39	2120	122	3.48	28.2	42.6
14:02	0.25	80.28	--	1.5	7.4	2028	99	3.33	23.7	37.3
14:07	0.25	80.39	--	3	7.34	2002	80	3.06	25.1	33.1
14:12	0.25	80.45	--	4.5	7.3	2008	69	2.89	26.9	32.9
14:17	0.25	80.46	--	6	7.3	2013	48	2.86	27.3	32.5
14:22	0.25	80.48	--	7.5	7.3	2016	46	2.88	27.8	31.9
14:26	0.25	80.48	--	8.5	7.3	2012	46	2.86	27.9	31.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-128S1-Q221	Sample Time:	14:27	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-701-Q221	Trip Blank ID:	--
Single Filter Turbidity:	8	Without Filter Turbidity:	46	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
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 -- = Not Applicable

MW-128S1



ft-bmp = feet below measuring point
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ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-128S2	Date	6/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107 to 117	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	80.25	Total Depth (ft-bmp)	117.16	Water Column (ft) 36.91
		Gallons in Well	9.37	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.07	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:11	500	0.5	80.25	--	0	7.25	2825	40	3.11	22.3	73.9
14:15	500	0.5	80.39	--	2	7.21	2922	31	4.23	23.3	80.9
14:19	500	0.5	80.39	--	4	7.16	2935	16	4.46	23.6	81.7
14:23	500	0.5	80.39	--	6	7.14	2926	9	4.51	23.6	82.3
14:27	500	0.5	80.39	--	8	7.12	2931	8	4.53	23.7	82.6
14:31	500	0.5	80.39	--	10	7.12	2929	8	4.56	23.6	83.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-128S2-RE-0621	Sample Time:	14:32	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-128S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-128S2	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107 to 117	Casing Diameter (in.)	2.5
Static Water Level (ft-bmp)	80.31	Total Depth (ft-bmp)	117.22	Water Column (ft)	36.91
Well Casing Material	PVC	Gallons in Well	9.37		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	0.64	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:21	0.25	80.31	--	0	7.42	2922	133	2.01	22.9	26.9
13:25	0.25	80.50	--	1	7.37	2911	81	1.85	22.5	23.7
13:29	0.25	80.50	--	2	7.32	2951	32	2.09	22.9	23.9
13:33	0.25	80.50	--	3	7.28	2975	35	2.27	23.8	26.2
13:37	0.25	80.50	--	4	7.25	2973	34	2.23	24.6	28.4
13:41	0.25	80.50	--	5	7.24	2973	33	2.3	25	28.7
13:45	0.25	80.50	--	6	7.23	2977	34	2.34	25.4	29.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-128S2-Q221	Sample Time:	13:46	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	33	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-128S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-128S3	Date	4/5/2021							
Site Location	Hinkley	Sampled by	Riggie Tep							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	124 to 134	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	80.2	Total Depth (ft-bmp)	134	Water Column (ft)	53.8	Gallons in Well	13.66			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	0.88	Did Well Dewater?	no							
Gallons Purged	12.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:42	0.5	80.20	--	0	7.77	1729	148	1.04	22.6	23.4
12:46	0.5	80.31	--	2	7.69	1743	114	1.69	23.3	16.2
12:50	0.5	80.31	--	4	7.64	1756	47	2.01	24.1	18.3
12:54	0.5	80.31	--	6	7.61	1755	26	2.25	24.5	21.3
12:58	0.5	80.31	--	8	7.6	1754	12	2.31	24.7	21.9
13:02	0.5	80.31	--	10	7.59	1754	11	2.42	24.7	21.9
13:06	0.5	80.31	--	12	7.59	1756	11	2.49	24.8	21.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-128S3-Q221	Sample Time:	13:07	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-128S3



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-130S2	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 100	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	78.08	Total Depth (ft-bmp)	98.58	Water Column (ft)	20.5
				Gallons in Well	5.2
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.92	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:35	0.5	79.22	--	2	7.81	660	112	5.14	22.9	63.1
14:39	0.5	79.23	--	4	7.83	663	26	6.53	23.9	65.7
14:43	0.5	79.22	--	6	7.84	684	10	6.76	24	68.3
14:47	0.5	79.22	--	8	7.84	684	7	6.85	24.2	69.7
14:51	0.5	79.23	--	10	7.84	680	6	6.92	24.2	71

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-130S2-Q221	Sample Time:	14:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
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°C = degrees Celsius
-- = Not Applicable

MW-130S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-131S1	Date	6/2/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	68 to 83	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	67.7	Total Depth (ft-bmp)	83.5	Water Column (ft) 15.8
		Gallons in Well	10.27	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.17	Did Well Dewater?	no	
Gallons Purged	12.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:19	500	0.5	67.70	--	0	7.68	1037	44	4.34	23.4	98.9
12:23	500	0.5	67.84	--	2	7.61	1036	30	4.39	23.8	98.9
12:27	500	0.5	67.84	--	4	7.59	1038	19	4.46	23.8	101.3
12:31	500	0.5	67.84	--	6	7.58	1036	11	4.49	23.8	102.3
12:35	500	0.5	67.84	--	8	7.58	1036	8	4.51	23.9	103.1
12:39	500	0.5	67.84	--	10	7.57	1037	7	4.55	23.9	103.7
12:43	500	0.5	67.84	--	12	7.57	1037	7	4.58	23.9	104.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-131S1-RE-0621	Sample Time:	12:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

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NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
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-- = Not Applicable

PHOTO LOG

MW-131S1

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
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°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-131S1	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	68 to 83	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	77.38	Total Depth (ft-bmp)	83.45	Water Column (ft)	6.07
				Gallons in Well	3.95
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
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mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
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MW-131S1



ft-bmp = feet below measuring point
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ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
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°C = degrees Celsius
-- = Not Applicable

Well ID	MW-131S1	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	68 to 83	Casing Diameter (in.)	4
		Well Casing Material	PVC		
Static Water Level (ft-bmp)	67.8	Total Depth (ft-bmp)	83.68	Water Column (ft)	15.88
		Gallons in Well	10.32		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.16	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
15:17	0.5	68.27	--	2	7.99	987	47	6.49	22.8	73
15:21	0.5	68.31	--	4	7.95	997	26	6.45	23	72.7
15:25	0.5	68.32	--	6	7.94	993	13	6.3	23.7	71
15:29	0.5	68.31	--	8	7.93	990	8	6.23	23.9	70
15:33	0.5	68.32	--	10	7.93	1002	7	6.14	24.2	68.7
15:37	0.5	68.32	--	12	7.93	1006	7	6.09	24.2	67.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-131S1-Q221	Sample Time:	15:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-709-Q221	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
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MW-131S1



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ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-133S1	Date	4/5/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	65 to 80	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	69.97	Total Depth (ft-bmp)	79.92	Water Column (ft) 9.95
		Gallons in Well	2.53	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.19	Did Well Dewater?	yes	
Gallons Purged	3.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:13	300	0.25	69.97	--	0	7.65	448	11	3.78	20.1	70.6
10:17	300	0.25	73.01	--	1	7.72	499	9	3.89	21.3	72.7
10:21	300	0.25	75.89	--	2	7.76	489	17	3.9	21.7	75.9
10:25	300	0.25	77.87	--	3	7.78	480	22	3.95	21.9	76.9
10:13	300	0	70.31	--	3	7.53	486	14	3.7	22.8	90.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-133S1-Q221	Sample Time:	10:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	14	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-133S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-133S2	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 110	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	81.17	Total Depth (ft-bmp)	110.14	Water Column (ft)	28.97
				Gallons in Well	7.36
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-133S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-136S1	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	67 to 82	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	69.55	Total Depth (ft-bmp)	81.6	Water Column (ft)	12.05
				Gallons in Well	3.06
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.63	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:04	0.25	69.55	--	0	--	--	49	2.75	--	1
10:08	0.25	69.65	--	1	8.65	550	19	2.75	22.9	2.2
10:12	0.25	69.65	--	2	8.5	550	17	2.71	24.3	4.4
10:16	0.25	69.65	--	3	8.23	551	9	2.7	25	6.6
10:20	0.25	69.65	--	4	8.2	549	6	2.79	25.2	9.8
10:24	0.25	69.65	--	5	8.18	548	6	2.77	25.2	12.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-136S1-Q221	Sample Time:	10:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-136S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-137S3	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107 to 117	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	63.33	Total Depth (ft-bmp)	116.54	Water Column (ft) 53.21
		Gallons in Well	13.51	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	3.11	Did Well Dewater?	no	
Gallons Purged	42.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:04	400	0.75	72.59	--	3	8.11	428.6	33	2.29	22.2	112.3
08:08	400	0.75	73.00	--	6	8.11	423.9	14	1.95	22.8	112
08:12	400	0.75	73.14	--	9	8.1	422.6	11	1.75	23.1	113.9
08:16	400	0.75	73.25	--	12	8.07	422.6	9	1.39	23.3	115.9
08:20	400	0.75	73.39	--	15	8.08	423.9	9	1.68	23.5	113.9
08:24	400	0.75	73.47	--	18	8.07	424.5	8	1.63	23.5	114.2
08:28	400	0.75	73.52	--	21	8.04	423.9	8	1.62	23.6	115.1
08:32	400	0.75	73.61	--	24	8.03	423.1	6	1.59	23.7	114.9
08:36	400	0.75	73.69	--	27	8.01	422.4	5	1.52	23.8	114.7
08:40	400	0.75	73.72	--	30	8.01	422.3	5	1.5	23.8	114.1
08:44	400	0.75	73.72	--	33	8.01	422.9	5	1.49	23.9	113.6
08:48	400	0.75	73.72	--	36	8	422.5	4	1.46	24	113.1
08:52	400	0.75	73.72	--	39	8	422.7	4	1.42	24.1	112.8
08:56	400	0.75	73.72	--	42	8	422.9	4	1.4	24.2	112.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Sample Information

Sample ID:	<u>MW-137S3-Q221</u>	Sample Time:	<u>08:57</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>4</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-137S3



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-138S1	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	72 to 87	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	64.89	Total Depth (ft-bmp)	87.13	Water Column (ft)	22.24	Gallons in Well	14.46
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.11	Did Well Dewater?	no				
Gallons Purged	16.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:13	400	0.5	65.79	--	2	7.07	487.6	9	2.73	21.5	113.5
09:17	400	0.5	65.79	--	4	7.31	487.9	6	2.5	22.5	111.1
09:21	400	0.5	65.79	--	6	7.37	487.5	5	2.39	22.8	107.2
09:25	400	0.5	65.79	--	8	7.39	486.5	5	2.36	22.8	106.9
09:29	400	0.5	65.79	--	10	7.4	484.6	5	2.29	22.8	105.7
09:33	400	0.5	65.79	--	12	7.41	484.7	5	2.28	22.8	105.9
09:37	400	0.5	65.79	--	14	7.4	484.1	5	2.27	22.8	105.1
09:41	400	0.5	65.79	--	16	7.41	484.8	5	2.24	22.8	104.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-138S1-Q221	Sample Time:	09:42	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-138S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-139S1	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	68.22	Total Depth (ft-bmp)	89.41	Water Column (ft)	21.19	Gallons in Well	13.77
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.02	Did Well Dewater?	no				
Gallons Purged	14.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:49	300	0.5	65.51	--	2	8.06	747	52	5.13	22.2	146.4
14:53	300	0.5	68.50	--	4	8.01	758	31	4.86	22.9	145.6
14:57	300	0.5	68.50	--	6	7.94	764	14	4.75	23.2	145.6
15:01	300	0.5	68.50	--	8	7.88	761	8	4.7	23.4	145.6
15:05	300	0.5	68.51	--	10	7.86	765	7	4.7	23.4	146.4
15:09	300	0.5	68.50	--	12	7.84	757	7	4.68	23.4	147.5
15:13	300	0.5	68.51	--	14	7.82	754	7	4.61	23.4	148.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-139S1-Q221	Sample Time:	15:17	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-713-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-139S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-140S1	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	72.82	Total Depth (ft-bmp)	89.69	Water Column (ft) 16.87
		Gallons in Well	4.28	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	3.27	Did Well Dewater?	no	
Gallons Purged	14.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:10	300	0.25	73.01	--	1	7.8	506	1000	4.9	23.2	129.4
09:14	300	0.25	93.01	--	2	7.71	507	1000	5.03	23.4	96.4
09:18	300	0.25	73.02	--	6	7.74	512	298	4.98	23.8	139.5
09:22	300	0.25	93.05	--	8	7.66	507	59	4.99	23.7	140.6
09:26	300	0.25	93.05	--	10	7.66	521	25	5.09	23.9	141.4
09:30	300	0.25	93.05	--	12	7.68	528	23	5.04	23.8	140
09:34	300	0.25	93.05	--	14	7.73	517	23	4.97	23.9	140.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-140S1-Q221	Sample Time:	09:36	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	23	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-140S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-141S2	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	105 to 115	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	71.11	Total Depth (ft-bmp)	114.15	Water Column (ft) 43.04
		Gallons in Well	10.93	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no	
Gallons Purged	11.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:15	300	0.5	71.63	--	2	8.2	418	214	3.65	21	107.4
08:19	300	0.5	71.63	--	4	8.11	417	102	3.67	21.4	106.4
08:22	300	0.5	71.63	--	5.5	8.04	438	19	3.59	23	111.5
08:25	300	0.5	71.63	--	7	8.01	445	8	3.54	23.4	110.6
08:28	300	0.5	71.63	--	9.5	8.01	433	8	3.5	23.8	111.6
08:31	300	0.5	71.63	--	11	8	442	8	3.49	24	112.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-141S2-Q221	Sample Time:	08:33	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-141S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-142S2	Date	4/7/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93 to 103	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	70.73	Total Depth (ft-bmp)	102.45	Water Column (ft) 31.72
		Gallons in Well	8.05	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.12	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:07	300	0.5	71.22	--	1.5	7.86	632	88	2.58	22.5	131.4
14:10	300	0.5	71.22	--	3	7.83	660	27	2.72	23	130.5
14:13	300	0.5	71.22	--	4.5	7.78	663	21	2.72	23.1	128.4
14:16	300	0.5	71.22	--	6	7.73	664	11	2.85	23.2	128.5
14:19	300	0.5	71.23	--	7.5	7.69	669	10	2.93	23.2	129.5
14:22	300	0.5	71.22	--	9	7.72	668	10	2.97	23.3	129.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-142S2-Q221	Sample Time:	14:24	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-142S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-143D1	Date	4/12/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	105 to 115	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	101.12	Total Depth (ft-bmp)	114.11	Water Column (ft)	12.99
				Gallons in Well	3.3
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	2.12	Did Well Dewater?	no		
Gallons Purged	7.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:09	0.25	101.91	--	1	7.49	1420	126	3.61	19.4	105.4
13:13	0.25	101.93	--	2	7.35	1413	77	4.23	21.3	106.3
13:17	0.25	101.97	--	3	7.36	1407	53	4.35	21.3	106.9
13:21	0.25	101.98	--	4	7.36	1390	41	4.39	21.4	107.6
13:25	0.25	101.98	--	4	7.35	1416	34	4.44	21.2	109.4
13:29	0.25	101.99	--	5	7.35	1404	33	4.46	21.1	110.9
13:33	0.25	101.98	--	7	7.36	1421	31	4.53	21.3	112.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-143D1-Q221	Sample Time:	13:34	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	31	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-143D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-143D2	Date	4/12/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	124 to 134	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	101.18	Total Depth (ft-bmp)	133.46	Water Column (ft)	32.28
				Gallons in Well	8.2
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.46	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:56	0.5	102.44	--	2	7.54	1318	158	4.62	19.6	128.2
14:00	0.5	102.43	--	4	7.5	1326	72	4.21	20.7	119.6
14:04	0.5	102.43	--	6	7.51	1343	26	4.17	20.9	118.7
14:08	0.5	102.44	--	8	7.52	1351	10	4.13	21.3	117.5
14:12	0.5	102.44	--	10	7.5	1354	8	4.11	21.6	116.4
14:16	0.5	102.44	--	12	7.51	1357	7	4.08	21.7	114.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-143D2-Q221	Sample Time:	14:17	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-727-Q221	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-143D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-143S	Date	4/12/2021						
Site Location	Hinkley	Sampled by	Brian Martinez						
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	79 to 94	Casing Diameter (in.)	2.5	Well Casing Material	PVC		
Static Water Level (ft-bmp)	93.22	Total Depth (ft-bmp)	93.22	Water Column (ft)	0	Gallons in Well	0		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment					
Well Volumes Purged	N/A	Did Well Dewater?	no						
Gallons Purged									

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-143S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-144D1	Date	4/12/2021							
Site Location	Hinkley	Sampled by	Brian Martinez							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	106 to 116	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	94.99	Total Depth (ft-bmp)	115.7	Water Column (ft)	20.71	Gallons in Well	5.26			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	1.90	Did Well Dewater?	no							
Gallons Purged	10.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:09	0.5	97.16	--	2	7.24	965	67	3.09	18.3	130.1
10:13	0.5	97.23	--	4	7.51	1068	14	2.88	19.6	118.6
10:17	0.5	97.27	--	6	7.56	1087	8	2.84	19.8	117.5
10:21	0.5	97.29	--	8	7.58	1085	7	2.82	19.8	117.5
10:25	0.5	97.31	--	10	7.58	1094	7	2.81	19.6	117.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-144D1-Q221	Sample Time:	10:26	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-144D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-144D2	Date	4/12/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	129 to 139	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	94.72	Total Depth (ft-bmp)	139.11	Water Column (ft)	44.39
				Gallons in Well	11.27
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.06	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:46	0.5	98.72	--	2	7.76	992	8	8.03	18.4	138.8
10:50	0.5	98.85	--	4	7.76	992	8	7.74	18.4	134.3
10:54	0.5	98.86	--	6	7.77	997	5	7.7	19.4	132.5
10:58	0.5	98.88	--	8	7.78	1006	4	7.71	20.4	131.2
11:02	0.5	98.88	--	10	7.74	1008	4	7.8	20.7	130.3
11:06	0.5	98.91	--	12	7.76	1010	4	7.79	20.8	129.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-144D2-Q221	Sample Time:	11:07	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-144D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-144S	Date	4/12/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	77 to 92	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	91.65	Total Depth (ft-bmp)	91.65	Water Column (ft)	0
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-144S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-145D1	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100.5 to 110.5	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	94.83	Total Depth (ft-bmp)	109.74	Water Column (ft)	14.91	Gallons in Well	3.79
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.32	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:25	300	0.25	95.33	--	1	6.74	1396	56	4.78	22.2	118.4
11:29	300	0.25	95.33	--	2	6.79	1484	23	4.7	23	119.9
11:33	300	0.25	95.33	--	3	6.79	1502	10	4.57	23	120.5
11:37	300	0.25	95.33	--	4	6.8	1512	10	4.55	23	120.9
11:41	300	0.25	95.33	--	5	6.79	1527	10	4.7	23.1	121.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-145D1-Q221	Sample Time:	11:43	Field Filtered?	yes
Duplicate ID:	MW-951-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-145D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-145D2	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	130 to 140	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	98.39	Total Depth (ft-bmp)	138.41	Water Column (ft) 40.02
		Gallons in Well	10.16	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.03	Did Well Dewater?	no	
Gallons Purged	10.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:06	300	0.5	105.60	--	2.5	7	576	43	0.46	22.2	122.7
12:10	300	0.5	105.60	--	4.5	7.07	601	19	0.31	22.5	123
12:14	300	0.5	95.60	--	6.5	7.09	619	15	0.25	22.6	122.8
12:18	300	0.5	95.60	--	8.5	7.11	618	14	0.18	22.9	122.3
12:22	300	0.5	95.60	--	10.5	7.11	621	15	0.18	22.9	122.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-145D2-Q221	Sample Time:	12:24	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-145D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-145S	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75.5 to 90.5	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	89.35	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-145S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-146D1	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	104 to 114	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	97.51	Total Depth (ft-bmp)	113.31	Water Column (ft) 15.8
		Gallons in Well	4.01	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.25	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:27	300	0.25	97.91	--	1	6.67	1539	195	5	21.2	115.1
13:31	300	0.5	97.91	--	4	6.69	1552	64	5.04	21.6	115.3
13:35	300	0.25	97.91	--	3	6.71	1547	14	5.13	21.7	115.6
13:39	300	0.25	97.91	--	4	6.71	1550	14	5.15	21.7	115.6
13:43	300	0.25	97.91	--	5	6.71	1555	13	5.1	21.7	115.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-146D1-Q221	Sample Time:	13:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	13	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-146D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-146D2	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	121 to 131	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	98.53	Total Depth (ft-bmp)	129.13	Water Column (ft) 30.6
Well Casing Material	PVC			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.16	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:04	300	0.5	100.25	--	1.5	6.65	1608	300	5.61	21	117
14:07	300	0.5	100.25	--	3	6.66	1615	104	5.49	21.2	117.2
14:10	300	0.5	100.25	--	4.5	6.66	1621	57	5.47	21.3	117.5
14:13	300	0.5	100.30	--	6	6.65	1611	22	5.44	21.3	117.6
14:16	300	0.5	100.30	--	7.5	6.64	1619	22	5.52	21.3	117.7
14:19	300	0.5	100.30	--	9	6.64	1618	20	5.49	21.3	117.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

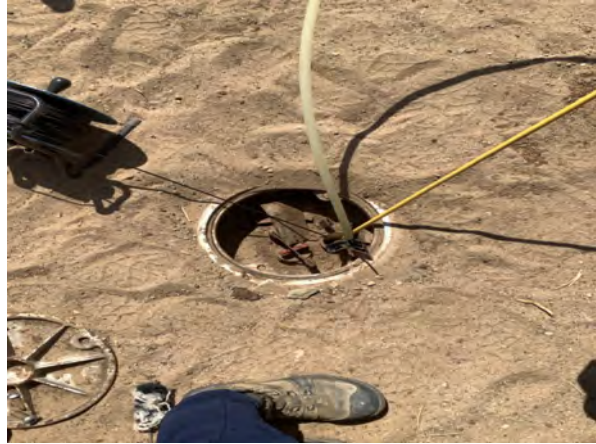
Sample ID:	MW-146D2-Q221	Sample Time:	14:21	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-737-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-146D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-146S	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	70 to 85	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	84.54	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-146S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-147D	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	82.55	Total Depth (ft-bmp)	119.84	Water Column (ft) 37.29
		Gallons in Well	9.47	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.06	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:15	300	0.5	82.55	--	0	7.34	675	34	2.64	21.7	34.8
10:19	300	0.5	82.65	--	2	7.4	677	23	3.05	22.5	41.9
10:23	300	0.5	82.65	--	4	7.49	671	18	3.4	22.7	48.9
10:27	300	0.5	82.65	--	6	7.47	671	10	3.38	22.8	50.8
10:31	300	0.5	82.65	--	8	7.48	672	9	3.42	22.7	51.4
10:35	300	0.5	82.65	--	10	7.48	671	9	3.43	22.7	52.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-147D-Q221	Sample Time:	10:36	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

MW-147D

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-147S	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84 to 99	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	81.57	Total Depth (ft-bmp)	99.24	Water Column (ft) 17.67
		Gallons in Well	11.48	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.31	Did Well Dewater?	no	
Gallons Purged	15.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:57	300	0.75	81.57	--	0	7.2	1837	125	4.56	21.4	92.7
11:01	300	0.75	81.89	--	3	7.18	1785	47	4.89	23.2	96.7
11:05	300	0.75	81.89	--	6	7.17	1810	27	5.11	23.6	98.2
11:09	300	0.75	81.89	--	9	7.17	1825	10	5.21	23.7	99.1
11:13	300	0.75	81.89	--	12	7.17	1828	9	5.24	23.7	99.6
11:17	300	0.5	81.89	--	15	7.17	1829	9	5.26	23.7	99.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-147S-Q221	Sample Time:	11:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-147S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-148S	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	82.29	Total Depth (ft-bmp)	100.08	Water Column (ft) 17.79
		Gallons in Well	11.56	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.30	Did Well Dewater?	no	
Gallons Purged	15.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:11	300	0.75	82.29	--	0	7.35	1466	136	4.61	21.6	125.9
08:15	300	0.75	82.50	--	3	7.34	1439	55	4.39	22.7	127.9
08:19	300	0.75	82.50	--	6	7.34	1437	41	4.37	22.8	128.5
08:23	300	0.75	82.50	--	9	7.35	1426	36	4.35	22.8	129.8
08:27	300	0.75	82.50	--	12	7.35	1424	34	4.3	22.8	129.9
08:31	300	0.75	82.50	--	15	7.36	1422	34	4.33	22.8	130.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-148S-Q221	Sample Time:	08:32	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	4	Without Filter Turbidity:	34	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-148S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-14B	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	132 to 142	Casing Diameter (in.)	4.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	108.5	Total Depth (ft-bmp)	142	Water Column (ft)	33.5
				Gallons in Well	27.56
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.12	Did Well Dewater?	no		
Gallons Purged	3.17				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:36	500	108.50	0	--	8.15	965	10	3.19	21.7	25.9
13:40	500	108.52	2000	--	8.08	986	6	2.87	22	24.9
13:44	500	108.52	4000	--	7.9	1015	5	2.53	21.6	22.3
13:48	500	108.52	6000	--	7.85	1009	5	2.46	21.6	22
13:52	500	108.52	8000	--	7.86	1010	5	2.43	21.6	26.8
13:56	500	108.52	10000	--	7.81	1017	5	2.68	21.7	24.2
14:00	500	108.52	12000	--	7.79	1021	5	2.62	21.9	23.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-14B-Q221</u>	Sample Time:	<u>14:01</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>5</u>	Double Filtler Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-14B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-14S	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82 to 97	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	96.17	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-14S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-15	Date	4/22/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	103 to 112.5	Casing Diameter (in.) 4.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	91.22	Total Depth (ft-bmp)	112.5	Water Column (ft) 21.28
		Gallons in Well	17.51	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.03	Did Well Dewater?	no	
Gallons Purged	18.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:31	300	1	93.60	--	3	6.81	993	7	1.24	21.2	94.7
08:34	300	1	93.60	--	6	7.09	849	7	0.67	23	89.7
08:37	300	1	93.60	--	9	7.1	849	6	0.67	23.2	89.2
08:40	300	1	93.60	--	12	7.12	850	6	0.59	23.2	87.3
08:43	300	1	93.60	--	15	7.12	851	5	0.53	23.9	86.9
08:46	300	1	93.60	--	18	7.12	851	5	0.51	24	86.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-15-Q221	Sample Time:	08:48	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-15



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-151D1	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91 to 101	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	92.23	Total Depth (ft-bmp)	101.01	Water Column (ft) 8.78
		Gallons in Well	2.23	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	3.59	Did Well Dewater?	no	
Gallons Purged	8.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:35	300	0.25	93.00	--	1	7.85	674	1000	4.39	21.5	162.1
10:39	300	0.25	93.00	--	2	7.77	723	1000	4.69	22.8	160.4
10:43	300	0.25	93.00	--	3	7.72	809	677	5.17	22.6	164.1
10:47	300	0.25	93.00	--	4	7.61	819	390	5.15	22.6	166.3
10:51	300	25	0.25	--	5	7.58	841	226	5.29	22.7	168.4
10:55	300	0.25	93.00	--	6	7.48	859	40	5.41	22.7	171.5
10:59	300	0.25	93.00	--	7	7.5	864	41	5.44	22.7	171.5
11:03	300	0.25	93.00	--	8	7.45	863	38	5.39	22.8	171.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-151D1-Q221	Sample Time:	11:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	38	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-151D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-151D2	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107 to 117	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	72.7	Total Depth (ft-bmp)	116.74	Water Column (ft)	44.04	Gallons in Well	11.18
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.03	Did Well Dewater?	no				
Gallons Purged	11.50						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:23	300	0.5	97.33	--	2	7.66	436	117	0.91	22.2	68.2
11:27	300	0.5	97.33	--	4	7.33	1110	23	3.5	23.2	128.1
11:31	300	0.5	97.37	--	6	7.26	1142	9	3.64	23.2	131.4
11:35	300	0.5	97.33	--	8	7.24	1160	8	4.14	23.2	137.3
11:39	300	0.5	97.37	--	10	7.24	1172	8	4.16	23.2	136.8
11:42	300	0.5	97.37	--	11.5	7.23	1184	8	4.11	23.4	129.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-151D2-Q221	Sample Time:	11:46	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-151D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-151S	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	63 to 78	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	62.01	Total Depth (ft-bmp)	74.51	Water Column (ft)	12.5	Gallons in Well	8.12
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.11	Did Well Dewater?	no				
Gallons Purged	9.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:05	300	0.5	64.04	--	1.5	7.8	1635	197	0.42	21.71	153.7
12:08	300	0.5	64.04	--	3	7.35	1668	89	0.34	22.7	141.6
12:11	300	0.5	64.04	--	4.5	7.48	1675	27	0.4	22.8	126.7
12:14	300	0.5	64.04	--	6	7.29	1684	10	0.4	22.9	113.4
12:17	300	0.5	64.04	--	7.5	7.21	1683	10	0.39	22.9	115.7
12:20	300	0.5	64.04	--	9	7.2	1692	9	0.38	23	111.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-151S-Q221	Sample Time:	12:22	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-151S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-152D1	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	88 to 98	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	90.99	Total Depth (ft-bmp)	97.91	Water Column (ft)	6.92	Gallons in Well	1.76
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	5.11	Did Well Dewater?	no				
Gallons Purged	9.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:32	300	0.25	93.31	--	1	7.17	429	1000	0.38	23.7	97.5
09:36	300	0.25	93.31	--	2	7.25	450	1000	0.24	23.1	101.6
09:40	300	0.25	93.31	--	3	7.25	454	1000	0.21	23.6	102.4
09:44	300	0.25	93.33	--	4	7.27	458	755	0.2	24	103.5
09:48	300	0.25	93.31	--	5	7.28	460	295	0.19	24.4	103.8
09:52	300	0.25	93.34	--	6	7.28	462	114	0.19	25.3	104.1
09:56	300	0.25	93.34	--	7	7.29	468	50	0.17	25.5	104.5
10:00	300	0.25	93.40	--	8	7.3	469	50	0.16	25.8	104.9
10:08	300	0.25	93.40	--	9	7.3	470	47	0.16	26	105.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-152D1-Q221</u>	Sample Time:	<u>10:10</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>6</u>	Without Filter Turbidity:	<u>47</u>	Double Filter Turbidity:	<u>1</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-152D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-152D2	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	104 to 114	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	91.37	Total Depth (ft-bmp)	112.92	Water Column (ft)	21.55	Gallons in Well	5.47
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.01	Did Well Dewater?	no				
Gallons Purged	5.50						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:26	300	0.25	93.13	--	1.25	7.02	497	26	1.54	23.3	108.2
10:31	300	0.25	93.13	--	2.5	7.08	511	19	2.44	23.5	108.1
10:35	300	0.25	93.11	--	3.5	7.09	521	16	2.63	23.3	108.3
10:39	300	0.25	93.11	--	4.5	7.08	525	15	2.59	23.6	108.5
10:43	300	0.25	93.13	--	5.5	7.09	530	15	2.6	23.6	108.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-152D2-Q221	Sample Time:	10:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	15	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-152D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-152S	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	63 to 78	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	69.49	Total Depth (ft-bmp)	77.65	Water Column (ft)	8.16	Gallons in Well	5.3
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	5.50						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:50	300	0.25	71.20	--	1.25	7.16	685	81	6.36	22.4	201.2
08:55	300	0.25	71.50	--	2.5	7.27	697	41	6.53	23.6	121
08:59	300	0.25	71.70	--	3.5	7.3	694	26	6.56	24	114.3
09:03	300	0.25	71.92	--	4.5	7.29	707	24	6.5	24.2	108.5
09:07	300	0.25	72.11	--	5.5	7.27	705	24	6.5	24.4	105.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-152S-Q221	Sample Time:	09:09	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	24	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-152S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-153S	Date	6/1/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93.5 to 108.5	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	92.26	Total Depth (ft-bmp)	108.2	Water Column (ft) 15.94
		Gallons in Well	10.36	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.16	Did Well Dewater?	no	
Gallons Purged	12.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:45	500	0.5	92.26	--	0	7.31	996	23	3.45	23.5	78.9
09:49	500	0.5	92.35	--	2	7.44	808	13	3.56	23.6	82.3
09:53	500	0.5	92.40	--	4	7.48	810	7	3.71	23.6	85.3
09:57	500	0.5	92.40	--	6	7.48	825	5	3.78	23.9	85.1
10:01	500	0.5	92.40	--	8	7.49	827	4	3.81	23.9	86.2
10:05	500	0.5	92.40	--	10	7.48	839	4	3.83	23.9	86.8
10:09	500	0.5	92.40	--	12	7.49	847	4	3.89	23.9	88.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-153S-RE-0621	Sample Time:	10:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-153S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-153S	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93.5 to 108.5	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.22	Total Depth (ft-bmp)	107.33	Water Column (ft)	15.11
				Gallons in Well	9.82
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:47	0.5	92.22	--	0	7.89	1033	7	3.05	22.7	31.3
11:51	0.5	92.32	--	2	7.82	1033	6	2.46	22.3	23.1
11:55	0.5	92.32	--	4	7.75	1019	5	2.34	23.6	18.7
11:59	0.5	92.32	--	6	7.73	970	5	2.23	24.3	16.9
12:03	0.5	92.32	--	8	7.72	964	5	2.18	24.9	14.4
12:07	0.5	92.32	--	10	7.73	947	5	2.2	25	13.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-153S-Q221	Sample Time:	12:08	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-153S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-154S1	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	70 to 85	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	68.87	Total Depth (ft-bmp)	84.76	Water Column (ft)	15.89
				Gallons in Well	10.33
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	0.77	Did Well Dewater?	yes		
Gallons Purged	8.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:22	0.5	73.00	--	2	8.75	650	221	0.99	22.8	-43.3
10:26	0.5	75.43	--	4	8.76	620	152	1.8	23.2	-51.1
10:30	0.5	77.14	--	6	8.71	579	71	2.56	23.5	-43.3
10:34	0.5	79.01	--	8	8.65	554	56	3	23.8	-34.3
10:03	0	69.81	--	0	7.72	503	17	3.55	22.4	105.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-154S1-Q221	Sample Time:	10:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	17	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-154S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-155D	Date	4/16/2021								
Site Location	Hinkley	Sampled by	Riggie Tep								
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	142 to 152	Casing Diameter (in.)	2.5	Well Casing Material	PVC				
Static Water Level (ft-bmp)	105.14	Total Depth (ft-bmp)	151.4	Water Column (ft)	46.26	Gallons in Well	11.75				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2						
Well Volumes Purged	1.02	Did Well Dewater?	no								
Gallons Purged	12.00										

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:44	500	0.5	105.17	--	0	7.97	402	69	0.44	21.1	15.3
09:48	500	0.5	105.26	--	2	7.79	403	30	0.17	22.6	-5.9
09:52	500	0.5	105.31	--	4	7.72	405	26	0.14	23.6	-15
09:56	500	0.5	105.39	--	6	7.67	407	22	0.1	24.5	-25.5
10:00	500	0.5	105.41	--	8	7.66	407	10	0.09	24.5	-32.1
10:04	500	0.5	105.41	--	10	7.63	410	10	0.08	24.5	-38.4
10:08	500	0.5	105.41	--	12	7.62	415	10	0.08	24.5	-40.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-155D-Q221	Sample Time:	10:09	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-155D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-155S	Date	4/16/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	113 to 128	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	113.39	Total Depth (ft-bmp)	128.72	Water Column (ft)	15.33	Gallons in Well	9.96
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.00	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:22	500	0.5	113.39	--	0	7.56	887	11	4.21	22.4	-23.4
10:26	500	0.5	113.59	--	2	7.61	891	8	4.38	21.7	-17.8
10:30	500	0.5	113.59	--	4	7.59	897	8	4.31	23.7	-6.5
10:34	500	0.5	113.59	--	6	7.59	915	8	4.35	25.2	1.7
10:38	500	0.5	113.59	--	8	7.6	929	6	4.42	25.4	4.3
10:42	500	0.5	113.59	--	10	7.61	936	5	4.47	25.7	7.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-155S-Q221	Sample Time:	10:43	Field Filtered?	no
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-745-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-155S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-156S	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	78.18	Total Depth (ft-bmp)	95.01	Water Column (ft)	16.83
				Gallons in Well	10.94
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.10	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:15	0.5	78.33	--	1.5	6.67	1303	40	0.8	20.9	54.5
10:18	0.5	78.33	--	3	6.65	1316	32	0.7	21.8	54.6
10:21	0.5	78.33	--	4.5	6.72	1339	24	0.6	22.3	54.6
10:24	0.5	98.33	--	6	6.85	1348	11	0.56	22.6	54.7
10:27	0.5	78.33	--	7.5	6.9	1357	10	0.52	22.8	58.9
10:30	0.5	78.33	--	9	6.92	1357	10	0.51	23	57.8
10:33	1.5	78.33	--	10.5	6.95	1363	9	0.51	23.1	59.8
10:36	0.5	78.33	--	12	6.98	1364	9	0.53	23.2	59.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-156S-Q221	Sample Time:	10:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-156S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-157S	Date	6/1/2021				
Site Location	Hinkley	Sampled by	Nara Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	76.89	Total Depth (ft-bmp)	95.97	Water Column (ft)	19.08	Gallons in Well	12.4
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.21	Did Well Dewater?	no				
Gallons Purged	15.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:17	500	0.5	76.89	--	0	7.57	1773	26	5.23	21.7	102.7
14:21	500	0.5	77.05	--	2	7.51	1782	14	4.65	22.5	102.9
14:25	500	0.5	77.05	--	4	7.4	1770	9	4.72	22.5	101.8
14:29	500	0.5	77.05	--	6	7.41	1775	7	4.71	22.7	98.6
14:33	500	0.5	77.05	--	8	7.38	1769	4	4.65	22.7	97.1
14:37	500	0.5	77.05	--	10	7.38	1767	3	4.62	22.8	96.4
14:41	500	0.5	77.05	--	12	7.38	1772	3	4.64	22.8	96.7
14:45	500	0.5	77.05	--	14	7.38	1773	3	4.58	22.8	95.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-157S-RE-0621	Sample Time:	14:46	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-785-0621	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-157S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-157S	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	76.63	Total Depth (ft-bmp)	95.62	Water Column (ft)	18.99
				Gallons in Well	12.34
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no		
Gallons Purged	12.50				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:57	0.5	76.82	--	2	7.41	1385	68	6.97	22.7	194.4
11:01	0.5	76.88	--	4	7.37	1410	24	7	23.1	196.2
11:05	0.5	76.88	--	6	7.37	1434	16	7.01	23.6	198.5
11:09	0.5	76.88	--	8	7.39	1439	8	7.04	24.3	196.5
11:13	2	76.63	--	10	7.39	1449	7	7.06	24.1	195.3
11:18	0.5	76.88	--	12.5	7.38	1441	7	7.12	23.9	194.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-157S-Q221	Sample Time:	11:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-703-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-157S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-16	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	97 to 117	Casing Diameter (in.)	5	Well Casing Material	PVC
Static Water Level (ft-bmp)	98.81	Total Depth (ft-bmp)	118	Water Column (ft)	19.19	Gallons in Well	19.49
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	21.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:07	500	1	98.81	--	0	7.35	1337	10	0.92	21.3	35.6
13:11	500	1	98.83	--	4	7.37	1335	1	0.7	21.4	31.2
13:15	500	1	98.83	--	12	7.4	1333	1	0.34	21.2	28.9
13:19	500	1	98.83	--	12	7.39	1336	1	0.25	21.6	25.2
13:23	500	1	98.83	--	18	7.39	1328	1	0.15	21.8	17.6
13:28	500	1	98.83	--	21	7.39	1328	1	0.15	21.8	15.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-16-Q221	Sample Time:	13:29	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 Dissolved Uranium, EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-16



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-161S1	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	72.27	Total Depth (ft-bmp)	89.86	Water Column (ft)	17.59
				Gallons in Well	11.43
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

MW-161S1

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-162S2	Date	4/6/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 110	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	75.61	Total Depth (ft-bmp)	109.85	Water Column (ft) 34.24
		Gallons in Well	8.69	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.04	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:43	300	0.5	76.01	--	1.5	8.47	479	235	1.43	23.7	59.8
13:46	300	0.5	76.01	--	3	8.43	469	56	1.61	23.8	64.6
13:49	300	0.5	76.01	--	4.5	8.47	469	26	1.86	24	68.5
13:52	300	0.5	76.01	--	6	8.48	459	9	1.93	24	70.2
13:55	300	0.5	76.01	--	7.5	8.49	469	9	2	24.1	73.2
14:15	300	0.5	76.01	--	9	8.49	470	9	2.03	24.2	75.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-162S2-Q221	Sample Time:	14:01	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-162S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-164D	Date	4/6/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	98 to 108	Casing Diameter (in.) 2.5
				Well Casing Material PVC
Static Water Level (ft-bmp)	79.72	Total Depth (ft-bmp)	107.97	Water Column (ft) 28.25
				Gallons in Well 7.17
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.12	Did Well Dewater?	yes	
Gallons Purged	8.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:37	300	0.5	79.72	--	0	7.79	679	11	0.42	20.9	-93.9
11:41	300	0.5	86.11	--	2	7.72	673	8	0.3	21.6	-107.8
11:45	300	0.5	92.13	--	4	7.64	673	19	0.26	23.3	-107.7
11:49	300	0.5	98.22	--	6	7.62	672	22	0.29	23.4	-108.9
11:53	300	0.5	104.25	--	8	7.62	672	27	0.28	23.5	-109.1
14:35	300	0	82.50	--	8	7.75	688	11	0.99	22	68.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-164D-Q221	Sample Time:	14:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	12	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-164D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-164S	Date	4/6/2021				
Site Location	Hinkley	Sampled by	Nara Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	78.71	Total Depth (ft-bmp)	89.58	Water Column (ft)	10.87	Gallons in Well	7.07
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.41	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:17	300	0.5	78.71	--	0	7.39	2214	23	2.31	21.5	63.9
12:21	300	0.5	79.50	--	2	7.38	2205	14	2.66	22.1	62.8
12:25	300	0.5	79.55	--	4	7.36	2185	11	3.25	23	64.9
12:29	300	0.5	79.55	--	6	7.36	2158	8	3.45	23.1	67.3
12:33	300	0.5	79.55	--	8	7.36	2162	7	3.49	23.3	68.1
12:37	300	0.5	79.55	--	10	7.36	2162	7	3.55	23.1	68.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-164S-Q221	Sample Time:	12:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-710-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-164S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-166S1	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	62 to 77	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	59.48	Total Depth (ft-bmp)	76.83	Water Column (ft)	17.35	Gallons in Well	11.28
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.06	Did Well Dewater?	no				
Gallons Purged	12.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:42	200	0.5	59.48	--	0	8.64	850	9	0.95	22.3	-20.5
08:46	200	0.5	59.55	--	2	8.52	852	9	0.41	23.4	-28.6
08:50	200	0.5	59.55	--	4	8.48	848	6	0.29	23.8	-41.5
08:54	200	0.5	59.55	--	6	8.49	842	1	0.25	24	-50.1
08:58	200	0.5	59.55	--	8	8.5	841	1	0.26	24	-55.4
09:02	200	0.5	59.55	--	10	8.51	837	1	0.25	24	-59.8
09:06	200	0.5	59.55	--	12	8.51	835	1	0.25	24	-63.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-166S1-Q221	Sample Time:	09:07	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-166S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-168S	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	92.8 to 107.8	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	88.45	Total Depth (ft-bmp)	108.72	Water Column (ft) 20.27
		Gallons in Well	13.17	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.14	Did Well Dewater?	no	
Gallons Purged	15.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:57	300	0.75	88.45	--	0	7.09	1819	20	2.09	21.1	139.8
09:01	300	0.75	88.90	--	3	7.01	1830	14	1.86	22.7	139.2
09:05	300	0.75	88.90	--	6	7.01	1834	6	1.86	23	138.5
09:09	300	0.75	88.90	--	9	7	1835	4	1.86	23.2	137.7
09:13	300	0.75	88.90	--	12	7	1836	4	1.87	23.2	136.9
09:17	300	0.75	88.90	--	15	7	1837	4	1.85	23.2	136.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-168S-Q221	Sample Time:	09:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-168S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-169S2	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Nara Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	109 to 119	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	88.51	Total Depth (ft-bmp)	118.67	Water Column (ft)	30.16	Gallons in Well	7.66
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.31	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:33	300	0.5	88.51	--	0	7.52	1060	116	3.37	20.8	124.4
09:37	300	0.5	88.90	--	2	7.43	1053	49	2.48	23.3	102.4
09:41	300	0.5	88.90	--	4	7.42	1049	24	2.49	23.3	100.7
09:45	300	0.5	88.90	--	6	7.42	1050	8	2.5	23.3	98.8
09:49	300	0.5	88.90	--	8	7.42	1052	7	2.51	23.3	97.6
09:53	300	0.5	88.90	--	10	7.42	1052	7	2.53	23.3	96.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-169S2-Q221	Sample Time:	09:54	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-169S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-17	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 100	Casing Diameter (in.)	5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.63	Total Depth (ft-bmp)	100.35	Water Column (ft)	7.72
				Gallons in Well	7.84
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.28	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:39	0.5	92.94	--	2	7.65	816	8	3.03	21.4	168.3
08:43	0.5	92.95	--	4	7.78	827	6	3.1	21.8	154
08:47	0.5	92.96	--	6	7.74	831	6	3.01	22.7	147.1
08:51	0.5	92.94	--	8	7.7	826	6	2.9	23.1	143.6
08:55	0.5	92.94	--	10	7.69	833	5	2.86	23.3	140.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-17-Q221	Sample Time:	08:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-17



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-170S	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	78 to 93	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	86.42	Total Depth (ft-bmp)	92.1	Water Column (ft) 5.68
		Gallons in Well	3.69	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.90	Did Well Dewater?	no	
Gallons Purged	7.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:31	400	0.251	88.29	--	1	7.07	6140	846	1.44	21.7	31.4
10:35	400	0.25	88.29	--	2	7.05	6150	425	1.57	22.8	28.9
10:39	400	0.25	88.29	--	3	7.05	6201	297	1.6	22.9	27.4
10:43	400	0.25	88.29	--	4	7.06	6182	85	1.64	23.4	26.6
10:47	400	0.25	88.29	--	5	7.07	6170	52	1.67	23.5	26.6
10:51	400	0.25	88.29	--	6	7.07	6195	50	1.62	23.7	26.5
10:55	400	0.25	88.29	--	7	7.07	6209	48	1.6	23.8	26.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-170S-Q221</u>	Sample Time:	<u>10:56</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>7</u>	Without Filter Turbidity:	<u>48</u>	Double Filter Turbidity:	<u>2</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-170S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-171S	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	77.98	Total Depth (ft-bmp)	94.9	Water Column (ft)	16.92	Gallons in Well	11
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.09	Did Well Dewater?	no				
Gallons Purged	12.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:48	200	0.5	77.98	--	0	--	--	22	4.22	--	-5.3
08:52	200	0.5	78.06	--	2	8	891	18	4.8	23.1	7
08:56	200	0.5	78.06	--	4	7.96	924	12	4.96	23.4	18.2
09:00	200	0.5	78.06	--	6	7.95	915	4	4.96	23.4	23.5
09:04	200	0.5	78.06	--	8	7.93	914	3	4.98	23.4	28.1
09:08	200	0.5	78.06	--	10	7.91	919	3	4.99	23.5	30.3
09:12	200	0.5	78.06	--	12	7.9	919	3	5.05	23.4	32.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-171S-Q221	Sample Time:	09:13	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-171S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-172S1	Date	6/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	74.32	Total Depth (ft-bmp)	90.44	Water Column (ft) 16.12
		Gallons in Well	10.48	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.15	Did Well Dewater?	no	
Gallons Purged	12.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:51	500	0.5	74.32	--	0	7.81	805	34	4.61	22.4	72.9
14:55	500	0.5	74.45	--	2	7.51	790	23	4.67	23	78.5
14:59	500	0.5	74.45	--	4	7.56	787	17	4.83	23.4	80.9
15:03	500	0.5	74.45	--	6	7.57	787	8	4.86	23.4	83.2
15:07	500	0.5	74.45	--	8	7.55	786	6	4.92	23.4	84.3
15:11	500	0.5	74.45	--	10	7.54	788	5	4.95	23.4	87.3
15:15	500	0.5	74.45	--	12	7.54	788	5	4.97	23.4	89.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-172S1-RE-0621	Sample Time:	15:16	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-787-0621	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-172S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-172S1	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	74.42	Total Depth (ft-bmp)	90.18	Water Column (ft)	15.76	Gallons in Well	10.24
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.03	Did Well Dewater?	no				
Gallons Purged	10.50						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:11	200	0.5	74.42	--	0	--	--	33	2.63	--	4.7
10:15	200	0.5	74.66	--	2	8.08	773	9	2.44	22.2	2.5
10:19	200	0.5	74.66	--	4	7.99	775	7	3.08	23.5	3.6
10:23	200	0.5	74.66	--	6	7.96	776	6	3.49	23.8	8.5
10:27	200	0.5	74.66	--	8	7.93	776	6	3.63	24.1	12.8
10:32	200	0.5	74.66	--	10.5	7.92	775	6	3.77	24.2	16.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-172S1-Q221	Sample Time:	10:33	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-172S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-172S2	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 125	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	75.2	Total Depth (ft-bmp)	124.3	Water Column (ft) 49.1
Well Casing Material	PVC	Gallons in Well	12.47	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no	
Gallons Purged	12.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:33	200	0.5	75.20	--	0	--	--	126	0.43	--	-12.7
09:37	200	0.5	75.33	--	2	8.37	659	225	0.22	22.4	-41.9
09:41	200	0.5	75.33	--	4	8.26	660	113	0.55	23.3	-41
09:45	200	0.5	75.33	--	6	8.19	661	72	0.94	23.7	-37.6
09:49	200	0.5	75.33	--	8	8.14	661	48	1.52	23.8	-35.5
09:53	200	0.5	75.33	--	10	8.11	662	47	1.54	23.7	-32.9
09:58	200	0.5	75.33	--	12.5	8.11	660	46	1.59	23.7	-32.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-172S2-Q221	Sample Time:	09:59	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	46	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-172S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-173S1	Date	4/6/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	65 to 80	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	64.88	Total Depth (ft-bmp)	80	Water Column (ft)	15.12	Gallons in Well	9.83
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	3.05	Did Well Dewater?	no				
Gallons Purged	30.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:21	1	64.88	--	0	7.89	881	13	1.19	20.8	17.6
09:26	1	65.03	--	5	7.79	880	20	1.08	21.4	13.8
09:31	1	65.03	--	10	7.71	879	18	1.22	22.9	11.6
09:36	1	65.03	--	15	7.68	865	14	1.61	23	11.1
09:41	1	65.03	--	20	7.69	845	10	2.07	22.4	12.5
09:46	1	65.03	--	25	7.69	845	10	2.27	22.3	14.5
09:51	1	65.03	--	30	7.68	847	10	2.28	22.3	14.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-173S1-Q221	Sample Time:	09:51	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-173S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-174S1	Date	6/2/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	77.32	Total Depth (ft-bmp)	90.9	Water Column (ft) 13.58
		Gallons in Well	8.83	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.13	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:05	500	0.5	77.32	--	0	7.59	8.12	26	4.13	22.1	89.9
09:09	500	0.5	77.45	--	2	7.55	813	14	4.27	22.8	93.7
09:13	500	0.5	77.45	--	4	7.53	815	7	4.32	23.1	94.1
09:17	500	0.5	77.45	--	6	7.52	816	6	4.38	23.1	94.7
09:21	500	0.5	77.45	--	8	7.52	814	5	4.41	23.2	95.3
09:25	500	0.5	77.45	--	10	7.52	814	5	4.45	23.2	95.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-174S1-RE-0621	Sample Time:	09:26	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-174S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-174S1	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	77.41	Total Depth (ft-bmp)	90.88	Water Column (ft)	13.47
				Gallons in Well	8.76
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	3.08	Did Well Dewater?	no		
Gallons Purged	27.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:15	1	77.41	--	0	8.37	814	17	3.38	21.5	10.4
08:20	1	77.66	--	5	8.17	816	13	3.22	23.1	9.9
08:25	1	77.66	--	10	8.06	817	6	3.17	23.8	11.6
08:30	1	77.66	--	15	7.96	818	5	3.11	24.8	13.7
08:35	1	77.66	--	20	7.91	818	5	3.03	25.1	15.6
08:42	1	77.66	--	27	7.88	818	5	3.01	25.3	16.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-174S1-Q221	Sample Time:	08:43	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-174S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-175S1	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	72 to 87	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	70.41	Total Depth (ft-bmp)	87.5	Water Column (ft)	17.09
				Gallons in Well	11.11
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.08	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:14	0.5	71.08	--	2	7.57	933	7	4.68	21.8	89.5
10:18	0.5	71.10	--	4	7.53	930	5	4.56	22.5	89.5
10:22	0.5	71.10	--	6	7.52	937	6	4.47	22.9	87.5
10:26	0.5	71.11	--	8	7.52	941	6	4.49	23.1	85.2
10:30	0.5	71.11	--	10	7.54	932	5	4.48	23.1	84.3
10:34	0.5	71.11	--	12	7.52	934	5	4.44	23.1	82.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-175S1-Q221	Sample Time:	10:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-175S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-176S	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94 to 109	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	91.02	Total Depth (ft-bmp)	110.02	Water Column (ft) 19
		Gallons in Well	12.35	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.21	Did Well Dewater?	no	
Gallons Purged	15.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:33	300	0.75	91.02	--	0	7.89	372	47	1.14	20.1	67.9
11:37	300	0.75	91.20	--	3	7.85	370	32	0.21	22.3	32.5
11:41	300	0.75	91.20	--	6	7.85	371	17	0.2	22.5	31.8
11:45	300	0.75	91.20	--	9	7.84	373	9	0.19	22.3	30.9
11:49	300	0.75	91.20	--	12	7.84	370	8	0.19	22.3	30.1
11:53	300	0.75	91.20	--	15	7.84	373	8	0.18	22.3	29.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-176S-Q221	Sample Time:	11:54	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-176S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-177D	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 125	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	95.76	Total Depth (ft-bmp)	127.62	Water Column (ft) 31.86
		Gallons in Well	8.09	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.24	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:30	500	0.5	95.90	--	2	--	543	74	2.47	21.3	56.7
08:34	500	0.5	95.98	--	4	7.23	545	26	2.26	22.8	52.4
08:38	500	0.5	95.99	--	6	7.28	551	8	2.31	23.7	48.1
08:42	500	0.5	95.99	--	8	7.32	553	8	2.32	24.3	43.7
08:46	500	0.5	95.99	--	10	7.34	554	8	2.41	24.5	42.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-177D-Q221	Sample Time:	08:47	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-177D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-177S	Date	4/16/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	95.83	Total Depth (ft-bmp)	102.81	Water Column (ft)	6.98	Gallons in Well	4.54
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.10	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:49	500	0.25	95.88	--	1	7.09	584	5	4.17	20.4	62.2
07:53	500	0.25	95.88	--	2	7.19	588	5	3.59	23.1	51.6
07:57	500	0.25	95.88	--	3	7.28	590	5	3.49	24.7	47.2
08:01	500	0.25	95.88	--	4	7.29	590	5	3.5	24.7	46.9
08:05	500	0.25	95.88	--	5	7.29	590	5	3.41	24.8	47

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-177S-Q221	Sample Time:	08:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable



MW-177S

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-178D	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	117 to 132	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	96.51	Total Depth (ft-bmp)	134.04	Water Column (ft) 37.53
		Gallons in Well	9.53	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.05	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:15	500	0.5	102.19	--	2	7.14	1695	57	1.67	21.1	53.8
09:19	500	0.5	104.56	--	4	7.07	1724	49	1.92	21.4	53.1
09:23	500	0.5	106.08	--	6	7.04	1724	45	1.91	21.8	52.1
09:27	500	0.5	107.17	--	8	7.02	1725	31	1.89	22.1	51.3
09:31	500	0.25	107.51	--	9	7.02	1722	29	1.85	22.5	50.8
09:35	500	0.25	107.51	--	10	7.01	1722	28	1.81	22.8	48.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-178D-Q221	Sample Time:	09:36	Field Filtered?	yes
Duplicate ID:	MW-929-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	4	Without Filter Turbidity:	28	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-178D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-178S	Date	4/16/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	98.42	Total Depth (ft-bmp)	112.65	Water Column (ft)	14.23	Gallons in Well	9.25
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:05	500	0.5	99.56	--	2	7.16	1584	3	1.63	21.7	61.7
10:09	500	0.5	99.56	--	4	7.18	1571	3	1.82	22.2	52.9
10:13	500	0.5	99.56	--	6	7.18	1569	3	1.8	22.4	52.4
10:17	500	0.5	99.56	--	8	7.19	1567	3	1.79	22.7	51.9
10:21	500	0.5	99.56	--	10	7.18	1564	3	1.75	23	51

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-178S-Q221	Sample Time:	10:22	Field Filtered?	yes
Duplicate ID:	MW-930-Q221	Analytes and Methods:	EPA 200.8 (Dissolved Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable



MW-178S

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-179D	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	125 to 140	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	103.33	Total Depth (ft-bmp)	142.6	Water Column (ft) 39.27
Well Casing Material	PVC	Gallons in Well	9.97	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:16	500	0.5	103.36	--	0	7.25	808	55	5.16	20.3	67.4
10:20	500	0.5	103.47	--	2	7.3	808	83	4.7	20.7	66.1
10:24	500	0.5	103.47	--	4	7.3	808	39	4.49	22.4	69.5
10:28	500	0.5	103.47	--	6	7.31	816	9	4.39	22.8	72
10:32	500	0.5	103.47	--	8	7.33	810	1	4.45	23	72.4
10:36	500	0.5	103.47	--	10	7.35	812	1	4.5	23	72.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-179D-Q221	Sample Time:	10:37	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-179D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-179M	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	98 to 113	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	103.77	Total Depth (ft-bmp)	112.68	Water Column (ft)	8.91	Gallons in Well	5.79
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:32	500	0.25	103.77	--	0	6.37	1177	11	4.98	20	209
09:36	500	0.25	103.84	--	1	6.44	1158	17	4.39	19.8	175.5
09:40	500	0.25	103.84	--	2	6.46	1161	7	4.39	20.9	150.6
09:44	500	0.25	103.84	--	3	6.47	1171	7	4.1	22.1	140.3
09:48	500	0.25	103.84	--	4	6.6	1173	1	4	24.5	116.3
09:52	500	0.25	103.84	--	5	6.62	1175	1	3.87	24.6	119.2
09:56	500	0.25	103.84	--	6	6.65	1173	1	3.82	24.9	112.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-179M-Q221	Sample Time:	09:57	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-179M



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-179S	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	102.14	Total Depth (ft-bmp)	102.53	Water Column (ft)	0.39	Gallons in Well	0.25
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment			
Well Volumes Purged	N/A	Did Well Dewater?	no				

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-179S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID MW-180RD Date 4/12/2021

Site Location	Hinkley	Sampled by		Riggie Tep			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	105 to 120	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	92.13	Total Depth (ft-bmp)	121.51	Water Column (ft)	29.38	Gallons in Well	7.46
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	1.34	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:46	500	0.5	92.13	--	0	7.22	1379	22	0.51	21.7	56.2
11:50	500	0.5	92.26	--	2	7.16	1380	11	0.34	21.8	46.6
11:54	500	0.5	92.26	--	4	7.11	1379	5	0.29	23.6	35.5
11:58	500	0.5	92.26	--	6	7.08	1380	3	0.26	24.5	30.8
12:02	500	0.5	92.26	--	8	7.07	1381	2	0.24	24.9	25
12:06	500	0.5	92.26	--	10	7.06	1381	2	0.21	25.1	23

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-180RD-Q221</u>	Sample Time:	<u>12:07</u>	Field Filtered?	<u>yes</u>
			EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 300.0 Dissolved		
Duplicate ID:	<u>--</u>	Analytes and Methods:	Orthophosphate,S M 5310 B (Total Organic Carbon),SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-725-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>2</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-180RD



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-180RS	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	94.51	Total Depth (ft-bmp)	102.28	Water Column (ft)	7.77	Gallons in Well	5.05
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	0.99	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:21	500	0.25	94.51	--	0	7.26	1534	35	4.3	21.7	29.8
12:25	500	0.25	94.56	--	1	7.17	1539	7	3.99	22.4	38.6
12:29	500	0.25	94.56	--	2	7.14	1547	7	3.99	22.2	48.8
12:33	500	0.25	94.56	--	3	7.12	1572	7	3.85	25.2	54.6
12:37	500	0.25	94.56	--	4	7.09	1575	5	3.82	25.8	58.5
12:41	500	0.25	94.56	--	5	7.07	1559	5	3.78	26.1	58.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-180RS-Q221</u>	Sample Time:	<u>12:42</u>	Field Filtered?	<u>yes</u>
			EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 300.0 Dissolved		
Duplicate ID:	<u>MW-931-Q221</u>	Analytes and Methods:	Orthophosphate,S M 5310 B (Total Organic Carbon),SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>5</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-180RS



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-182D	Date	5/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	110.18	Total Depth (ft-bmp)	122.9	Water Column (ft) 12.72
Well Casing Material	PVC	Gallons in Well	3.23	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	3.10	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:49	300	0.5	110.18	--	0	7.33	822	32	5.32	22.1	88.9
10:53	300	0.5	110.30	--	2	7.29	834	19	5.25	23.8	93.2
10:57	300	0.5	110.30	--	4	7.28	829	11	5.27	23.7	96.9
11:01	300	0.5	110.30	--	6	7.28	831	8	5.26	23.8	97.5
11:05	300	0.5	110.30	--	8	7.29	830	7	5.29	23.8	98.1
11:09	300	0.5	110.30	--	10	7.27	831	7	5.28	23.9	98.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-182D-Q221	Sample Time:	11:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-182D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-182S	Date	5/3/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 110	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	109.55	Total Depth (ft-bmp)	113.01	Water Column (ft)	3.46
				Gallons in Well	2.25
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-182S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-183D	Date	5/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	109.61	Total Depth (ft-bmp)	122.91	Well Casing Material PVC
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	2.96	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:43	300	0.5	109.61	--	0	7.05	1020	45	5.72	22.8	104.3
09:47	300	0.5	109.80	--	2	7.15	1014	31	5.25	23.7	105.2
09:51	300	0.5	109.80	--	4	7.16	1012	17	5.19	23.9	103.1
09:55	300	0.5	109.80	--	6	7.19	1009	9	5.12	23.9	100.9
09:59	300	0.5	109.80	--	8	7.19	1011	8	5.08	23.9	100.6
10:03	300	0.5	109.80	--	10	7.19	1009	8	5.09	24	100.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-183D-Q221	Sample Time:	10:04	Field Filtered?	yes
Duplicate ID:	MW-945-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-183D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-183S	Date	5/3/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 110	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	109.7	Total Depth (ft-bmp)	113.01	Water Column (ft)	3.31
				Gallons in Well	2.15
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-183S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-184S1	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	98 to 113	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	100.71	Total Depth (ft-bmp)	112.04	Water Column (ft)	11.33
				Gallons in Well	7.36
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-184S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-184S2	Date	6/2/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	126 to 136	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	101.82	Total Depth (ft-bmp)	136.15	Water Column (ft) 34.33
		Gallons in Well	8.72	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.15	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:51	500	0.5	101.82	--	0	8.21	616	34	3.45	25.2	82.6
09:55	500	0.5	101.90	--	2	8.32	627	19	3.91	27.1	81.9
09:59	500	0.5	101.90	--	4	8.34	626	11	3.94	27.3	85.2
10:03	500	0.5	101.90	--	6	8.34	629	7	3.88	27.4	81.4
10:07	500	0.5	101.90	--	8	8.35	630	6	3.85	27.4	80.9
10:11	500	0.5	101.90	--	10	8.35	630	6	3.82	27.5	80.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-184S2-RE-0621	Sample Time:	10:12	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-184S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-184S2	Date	4/6/2021				
Site Location	Hinkley	Sampled by	Brian Martinez				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	126 to 136	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	101.89	Total Depth (ft-bmp)	135.73	Water Column (ft)	33.84	Gallons in Well	8.59
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.16	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:54	0.5	104.67	--	2	7.8	583	9	4.21	23.2	92.8
08:58	0.5	104.37	--	4	8.92	593	8	4.17	24.5	55
09:02	0.5	104.39	--	6	8.96	594	7	3.86	24.9	47.3
09:06	0.5	104.40	--	8	8.96	590	8	3.92	25.1	45
09:10	0.5	104.41	--	10	8.91	588	8	3.93	25.4	42.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-184S2-Q221	Sample Time:	09:11	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-184S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-185S1	Date	4/6/2021						
Site Location	Hinkley	Sampled by	Andrew Pham						
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	78 to 93	Casing Diameter (in.)	4	Well Casing Material	PVC		
Static Water Level (ft-bmp)	73.73	Total Depth (ft-bmp)	92.11	Water Column (ft)	18.38	Gallons in Well	11.95		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment					
Well Volumes Purged	N/A	Did Well Dewater?	no						
Gallons Purged									

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-185S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-185S3	Date	4/6/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	135 to 145	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	73.49	Total Depth (ft-bmp)	143.67	Water Column (ft) 70.18
		Gallons in Well	17.82	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no	
Gallons Purged	18.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:49	300	1	75.40	--	4	8.21	492	31	6.63	21.5	123.4
10:53	300	1	75.30	--	8	8.1	502	10	5.47	22.1	133.5
10:57	300	1	75.50	--	12	8	504	7	5.41	22.1	139.4
11:01	300	0.5	74.21	--	14	7.97	503	5	5.19	22	144.2
11:05	300	0.5	74.25	--	16	7.92	504	5	5.17	22.2	147.5
11:09	300	0.5	74.25	--	18	7.91	509	5	5.15	22.5	151.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-185S3-Q221	Sample Time:	11:11	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-185S3



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-186S2	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 118	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	93.78	Total Depth (ft-bmp)	117.01	Water Column (ft)	23.23
				Gallons in Well	5.9
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:26	0.25	97.38	--	1	8.42	481	8	7.57	22.3	57.5
12:30	0.25	98.12	--	2	8.44	482	6	7.35	22.9	55.7
12:34	0.25	98.26	--	3	8.42	482	5	7.28	22.9	57.5
12:38	0.25	98.31	--	4	8.43	483	4	7.22	23	58
12:42	0.25	98.24	--	5	8.42	483	5	7.21	23	57.7
12:46	0.25	98.27	--	6	8.41	484	5	7.19	23.5	58.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-186S2-Q221	Sample Time:	12:47	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PHOTO LOG

MW-186S2

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-186S2	Date	6/2/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 118	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	93.77	Total Depth (ft-bmp)	117.54	Water Column (ft) 23.77
		Gallons in Well	6.04	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.66	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:35	500	0.5	93.77	--	0	7.78	497	38	4.56	22.3	104.8
10:39	500	0.5	93.85	--	2	7.76	498	21	4.31	22.9	106.8
10:43	500	0.5	93.85	--	4	7.72	499	12	4.41	22.9	106.7
10:47	500	0.5	93.85	--	6	7.73	498	6	4.29	23.1	107.1
10:51	500	0.5	93.85	--	8	7.73	498	5	4.31	23.1	107.8
10:55	500	0.5	93.85	--	10	7.73	498	5	4.32	23.1	108.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-186S2-RE-0621	Sample Time:	10:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-186S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-187D1	Date	4/13/2021						
Site Location	Hinkley	Sampled by	Nara Tep						
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 93	Casing Diameter (in.)	2.5	Well Casing Material	PVC		
Static Water Level (ft-bmp)	89.9	Total Depth (ft-bmp)	92.51	Water Column (ft)	2.61	Gallons in Well	0.66		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment					
Well Volumes Purged	N/A	Did Well Dewater?	no						
Gallons Purged									

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-187D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-187D2	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 118	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	92.3	Total Depth (ft-bmp)	117.9	Water Column (ft) 25.6
		Gallons in Well	6.5	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.54	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:47	300	0.5	92.30	--	0	7.44	937	49	3.45	20.2	103.9
10:51	300	0.5	92.60	--	2	7.25	1089	31	3.96	22.7	101.7
10:55	300	0.5	92.60	--	4	7.24	1097	19	3.93	22.8	100.6
10:59	300	0.5	92.60	--	6	7.23	1101	9	3.69	22.8	103.1
11:03	300	0.5	92.60	--	8	7.22	1103	8	3.54	22.9	103.4
11:07	300	0.5	92.60	--	10	7.23	1104	8	3.5	22.9	103.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-187D2-Q221	Sample Time:	11:08	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-187D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-187S1	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	59 to 74	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	73.7	Total Depth (ft-bmp)	74.1	Water Column (ft)	0.4
				Gallons in Well	0.26
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-187S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-188S1	Date	4/6/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	70 to 85	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	68.75	Total Depth (ft-bmp)	85.53	Water Column (ft) 16.78
		Gallons in Well	10.91	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	3.02	Did Well Dewater?	no	
Gallons Purged	33.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:22	300	0.5	71.45	--	2.5	8.66	583	508	1.87	21.3	99.5
08:27	300	0.5	71.85	--	5	8.25	597	294	1.92	23	102.4
08:32	300	0.5	72.96	--	7.5	8.24	612	164	1.92	23.3	102.3
08:37	300	0.5	73.41	--	10	8.24	606	76	1.97	23.8	106.4
08:42	300	0.5	73.92	--	12.5	8.19	613	44	1.99	23.9	106.4
08:47	300	0.5	74.81	--	15	8.21	615	31	2.02	24.1	107.4
08:52	300	0.5	74.62	--	17.5	8.17	617	25	2.14	24.2	108.3
08:57	300	0.5	75.18	--	20	8.18	616	16	2.16	24.2	113.4
09:02	300	0.5	75.45	--	22.5	8.16	627	9	2.31	24.8	111.4
09:07	300	0.5	76.05	--	25	8.2	626	6	2.34	24.9	114.4
09:12	300	0.5	76.81	--	27.5	8.15	631	6	2.3	25	116.2
09:17	300	0.5	77.60	--	30	8.15	635	5	2.26	25	116.3
09:22	300	0.5	77.71	--	33	8.16	634	5	2.21	25.3	116.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-188S1-Q221</u>	Sample Time:	<u>09:25</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>5</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-188S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-189D2	Date	4/23/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	98 to 108	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	100.1	Total Depth (ft-bmp)	108.01	Water Column (ft) 7.91
		Gallons in Well	2.01	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	4.98	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:23	300	0.5	100.10	--	0	7.21	1039	157	5.03	17.7	115.9
09:27	300	0.5	100.30	--	2	7.15	1075	37	5.13	19.3	97.9
09:31	300	0.5	100.30	--	4	7.15	1075	22	5.2	19.3	96.2
09:35	300	0.5	100.30	--	6	7.14	1065	9	5.21	19.3	93.9
09:39	300	0.5	100.30	--	8	7.14	1060	8	5.24	19.2	93.7
09:43	300	0.5	100.30	--	10	7.13	1069	8	5.22	19.2	93.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-189D2-Q221	Sample Time:	09:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-189D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-189D3	Date	4/23/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 130	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	99.72	Total Depth (ft-bmp)	129.31	Water Column (ft) 29.59
		Gallons in Well	7.51	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.33	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:35	300	0.5	99.72	--	0	7.4	576	29	5.69	18.7	95.9
08:39	300	0.5	99.90	--	2	7.38	575	16	5.51	18.6	96.7
08:43	300	0.5	99.90	--	4	7.38	576	9	5.67	18.5	96.5
08:47	300	0.5	99.90	--	6	7.38	577	5	5.71	18.5	96.8
08:51	300	0.5	99.90	--	8	7.38	574	4	5.76	18.5	97.1
08:55	300	0.5	99.90	--	10	7.37	576	4	5.78	18.5	97.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-189D3-Q221	Sample Time:	08:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-189D3



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-190D1	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	97 to 107	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	93.51	Total Depth (ft-bmp)	108.21	Water Column (ft)	14.7	Gallons in Well	3.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.34	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:23	300	0.25	94.65	--	1	7.89	376	98	3.15	22.7	121.4
13:27	300	0.25	94.65	--	2	7.75	383	76	3.02	23.3	91.2
13:31	300	0.25	94.65	--	3	7.74	392	36	3.1	23.6	77.1
13:35	300	0.25	94.65	--	4	7.71	394	35	3.14	23.6	78.1
13:39	300	0.25	94.65	--	5	7.71	398	33	3.2	23.6	77.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-190D1-Q221	Sample Time:	13:41	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	33	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-190D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-190D2	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	112 to 122	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	93.33	Total Depth (ft-bmp)	119.14	Water Column (ft) 25.81
		Gallons in Well	6.55	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.37	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:02	300	0.5	96.75	--	1.5	8.07	502	28	3.51	22.1	187.4
14:05	300	0.5	96.05	--	96.05	7.91	505	10	3.03	22.9	159.7
14:08	300	0.5	95.05	--	4.5	7.8	503	6	3	22.9	154.6
14:11	300	0.5	95.05	--	6	7.82	503	5	3	22.9	153.5
14:14	300	0.5	95.05	--	7.5	7.78	502	5	2.96	23	149.5
14:17	300	0.5	95.05	--	9	7.8	504	5	2.97	22.9	147.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-190D2-Q221	Sample Time:	14:19	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-732-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-190D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-190S1	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	69 to 84	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	66.42	Total Depth (ft-bmp)	83.33	Water Column (ft)	16.91	Gallons in Well	10.99
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.05	Did Well Dewater?	no				
Gallons Purged	11.50						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:43	300	0.5	68.52	--	2	7.44	1348	78	2.27	22.5	141.4
12:47	300	0.5	68.52	--	4	7.3	1352	18	2.5	23.1	135.1
12:51	300	0.5	68.52	--	6	7.28	1297	16	3.66	23.5	135.6
12:55	300	0.5	68.52	--	8	7.23	1307	13	4.45	23.5	138.5
12:59	300	0.5	0.50	--	68.52	7.21	1311	13	4.61	23.6	140.5
13:02	300	0.5	68.58	--	11.5	7.22	1326	12	4.69	23.5	141.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-190S1-Q221	Sample Time:	13:04	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	12	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-190S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-191D1	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	72 to 87	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	86.5	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-191D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID MW-191D2 Date 4/5/2021

Site Location Hinkley Sampled by Nara Tep

Measuring Point Description Top of Casing Screen Depth Interval (ft-bmp) 96 to 106 Casing Diameter (in.) 2.5 Well Casing Material PVC

Static Water Level (ft-bmp) 94.51 Total Depth (ft-bmp) 104.61 Water Column (ft) 10.1 Gallons in Well 2.56

Water Quality Meter Make/Model Hach 2100Q, YSI Pro Plus Purge Method Volumetric Purging Equipment Grundfos RF2

Well Volumes Purged 6.25 Did Well Dewater? no

Gallons Purged 16.00

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:07	300	0.5	94.60	--	0	7.01	1653	90	4.4	19.2	89.9
14:11	300	0.5	94.60	--	2	7	1657	890	4.4	20.3	64.9
14:15	300	0.5	94.60	--	4	7	1674	607	4.83	20	56.9
14:19	300	0.5	94.60	--	6	7	1674	217	4.82	20.1	52.3
14:23	300	0.5	94.60	--	8	6.99	1678	47	4.74	20.1	48.5
14:27	300	0.5	94.60	--	10	6.99	1679	38	4.59	20.1	45.3
14:31	300	0.5	94.60	--	12	6.98	1679	35	4.64	20.1	43.9
14:35	300	0.5	94.60	--	14	6.98	1678	34	4.62	20.1	42.9
14:39	300	0.5	94.60	--	16	6.99	1678	34	4.57	20.1	41.9

Comments: --

Well Casing Volume Conversion

 Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

 ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

 mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

 mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-191D2-Q221</u>	Sample Time:	<u>14:40</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-705-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>4</u>	Without Filter Turbidity:	<u>34</u>	Double Filter Turbidity:	<u>1</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-191D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-191D3	Date	4/5/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	130 to 140	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	95.59	Total Depth (ft-bmp)	137.12	Water Column (ft)	41.53	Gallons in Well	10.54
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	11.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:05	300	0.5	95.75	--	2	7.77	1036	181	6.64	19.4	161.3
14:08	300	0.5	95.75	--	3.5	7.46	1087	143	6.54	20.2	173.4
14:11	300	0.5	95.75	--	5	7.4	1097	69	6.48	20.7	178.8
14:14	300	0.5	95.75	--	6.5	7.32	1102	31	6.26	20.9	182.3
14:17	300	0.5	95.75	--	8	7.3	1113	9	6.17	21	185.3
14:20	300	0.5	95.75	--	9.5	7.31	1117	8	5.96	21.1	186.3
14:23	300	0.5	95.76	--	11	7.28	1119	7	5.92	21.1	187.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-191D3-Q221	Sample Time:	14:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-191D3



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-192D	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 110	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	90.82	Total Depth (ft-bmp)	109.57	Water Column (ft) 18.75
		Gallons in Well	4.76	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.10	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:03	300	0.5	90.82	--	0	7.11	1450	41	3.45	20.9	111.8
12:07	300	0.5	91.10	--	2	7.05	1465	23	3.9	21.9	110.1
12:11	300	0.5	91.10	--	4	7.06	1471	13	4.05	21.9	110.7
12:15	300	0.5	91.10	--	6	7.05	1475	9	4.08	22	111.2
12:19	300	0.5	91.10	--	8	7.05	1472	8	4.11	22.1	111.7
12:23	300	0.5	91.10	--	10	7.05	1470	8	4.12	22.1	112.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-192D-Q221	Sample Time:	12:24	Field Filtered?	yes
Duplicate ID:	MW-952-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-192D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-192S	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	63 to 78	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	75.98	Total Depth (ft-bmp)	78.02	Water Column (ft)	2.04
				Gallons in Well	1.33
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-192S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-193S1	Date	4/6/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	71 to 86	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	71.73	Total Depth (ft-bmp)	85.02	Water Column (ft)	13.29	Gallons in Well	8.64
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	9.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:48	300	0.5	72.12	--	1.5	8.18	555	9	2.72	22	140.3
11:51	300	0.5	72.12	--	3	7.98	563	8	2.91	23.3	139.4
11:54	300	0.5	72.12	--	4.5	7.96	553	7	2.96	23.3	140.5
11:57	300	0.5	72.13	--	6	7.96	568	7	3.06	23.9	140.2
12:00	300	0.5	72.13	--	7.5	7.94	572	6	3.14	24.1	141.4
12:03	300	0.5	72.13	--	9	7.95	570	6	3.16	24.4	143.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-193S1-Q221	Sample Time:	12:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-193S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-194S1	Date	6/2/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82 to 97	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	78.16	Total Depth (ft-bmp)	97.11	Water Column (ft) 18.95
		Gallons in Well	12.32	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.14	Did Well Dewater?	no	
Gallons Purged	14.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:25	500	0.5	78.16	--	0	7.98	677	30	3.44	21.5	89
11:29	500	0.5	78.30	--	2	7.96	678	24	3.13	22.3	91.2
11:33	500	0.5	78.30	--	4	7.95	677	15	3.09	22.6	93.2
11:37	500	0.5	78.33	--	6	7.93	678	11	3.04	22.8	90.5
11:41	500	0.5	78.33	--	8	7.93	678	9	3.12	23.1	88.7
11:45	500	0.5	78.33	--	10	7.91	678	7	3.03	23.1	85.3
11:49	500	0.5	78.33	--	12	7.91	678	6	3.02	23.1	83.4
11:53	500	0.5	78.33	--	14	7.91	678	6	3.05	23.2	82.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-194S1-RE-0621	Sample Time:	11:54	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-194S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-194S1	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82 to 97	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	78.54	Total Depth (ft-bmp)	96.62	Water Column (ft)	18.08
				Gallons in Well	11.75
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	3.06	Did Well Dewater?	no		
Gallons Purged	36.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:57	0.5	81.72	--	2	8.65	686	15	0.39	21	47.5
11:01	0.5	83.49	--	4	8.63	685	19	0.49	22.2	33.8
11:05	0.5	83.92	--	6	8.6	679	17	0.74	22.6	29.6
11:09	0.5	85.07	--	8	8.6	673	22	1.1	22.8	26.8
11:13	0.5	85.12	--	10	8.6	667	18	1.19	22.9	25.5
11:17	0.5	85.22	--	12	8.59	662	19	1.18	23	25.4
11:21	0.5	85.26	--	14	8.56	660	18	1.28	23.3	26.7
11:25	0.5	85.31	--	16	8.57	657	17	1.33	23.4	27.5
11:29	0.5	85.36	--	18	8.55	654	11	1.44	23.7	29.6
11:33	0.5	85.41	--	20	8.55	653	10	1.48	23.7	31.3
11:37	0.5	85.43	--	22	8.56	653	8	1.5	23.8	32.9
11:41	0.5	85.46	--	24	8.57	651	7	1.53	23.8	34.3
11:45	0.5	85.45	--	26	8.58	650	7	1.55	24	34.8
11:49	0.5	85.45	--	28	8.56	650	8	1.56	24.1	35.9
11:53	0.5	85.46	--	30	8.57	851	7	1.59	24.1	37.5
11:57	0.5	85.47	--	32	8.56	653	7	1.62	24.2	39.2
12:01	0.5	85.48	--	34	8.56	651	7	1.63	24.3	41

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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12:05	0.5	85.39	--	36	8.56	653	7	1.64	24.3	42.7
-------	-----	-------	----	----	------	-----	---	------	------	------

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-194S1-Q221	Sample Time:	12:06	Field Filtered?	yes
Duplicate ID:	--	Analyses and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

PHOTO LOG

MW-194S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-195S1	Date	4/6/2021							
Site Location	Hinkley	Sampled by	Brian Martinez							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82 to 97	Casing Diameter (in.)	4	Well Casing Material	PVC			
Static Water Level (ft-bmp)	77.24	Total Depth (ft-bmp)	97.07	Water Column (ft)	19.83	Gallons in Well	12.89			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	3.03	Did Well Dewater?	no							
Gallons Purged	39.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:24	0.75	80.79	--	3	8.95	571	17	3.41	22	42.2
13:28	0.75	83.52	--	6	8.95	570	4	3.37	22.8	32.3
13:32	0.75	85.11	--	9	8.95	572	4	3.33	23.1	31.7
13:36	0.75	85.68	--	12	8.93	572	4	3.35	23.5	30.6
13:40	0.75	86.22	--	15	8.94	572	4	3.34	23.9	30.2
13:44	0.75	86.71	--	18	8.92	571	3	3.27	24.7	29.7
13:48	0.75	87.00	--	21	8.94	572	3	3.3	24.8	29.5
13:52	0.75	87.13	--	24	8.93	574	3	3.31	24.8	29.6
13:56	0.75	87.20	--	27	8.93	572	3	3.23	24.9	29.5
14:00	0.75	87.24	--	30	8.93	574	3	3.15	25	29.4
14:04	0.75	87.27	--	33	8.93	574	3	3.12	25.1	29.2
14:08	0.75	87.31	--	36	8.92	576	3	3.09	25.1	29
14:12	0.75	87.29	--	39	8.92	577	3	3.08	25	28.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-195S1-Q221</u>	Sample Time:	<u>14:13</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>3</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-195S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-196S1	Date	4/6/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	72.13	Total Depth (ft-bmp)	103.97	Water Column (ft)	31.84	Gallons in Well	20.69
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.01	Did Well Dewater?	no				
Gallons Purged	21.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:57	300	1	73.22	--	4	8.22	520	6	4.94	22.3	123.4
10:01	300	1	73.30	--	8	8.14	534	4	4.86	23.7	130.4
10:02	300	1	73.31	--	12	8.16	527	4	4.89	22.7	136.4
10:06	300	1	73.31	--	16	8.16	520	4	4.9	22.7	137.2
10:11	300	1	73.13	--	21	8.17	526	4	4.93	22.7	136.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-196S1-Q221	Sample Time:	10:13	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-196S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-197S1	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	53 to 68	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	53.65	Total Depth (ft-bmp)	67.93	Water Column (ft)	14.28	Gallons in Well	9.28
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:03	200	0.5	53.65	--	0	8.6	1407	22	3.23	19.9	-1.4
08:07	200	0.5	53.70	--	2	8.59	1417	21	2.94	20.7	-3.2
08:11	200	0.5	53.70	--	4	8.57	1429	20	2.78	21.4	-7.2
08:15	200	0.5	53.70	--	6	8.57	1491	20	2.14	21.8	-11.4
08:19	200	0.5	53.70	--	8	8.59	1504	20	2.05	22	-17.1
08:23	200	0.5	53.70	--	10	8.59	1513	20	1.99	22.2	-19.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-197S1-Q221	Sample Time:	08:24	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-197S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-199D1	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	102 to 112	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	93.19	Total Depth (ft-bmp)	111.21	Water Column (ft)	18.02	Gallons in Well	4.58
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.09	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:04	300	0.25	95.22	--	1	7.74	726	306	4.03	22.2	160.4
08:08	300	0.25	95.22	--	2	7.44	844	53	3.55	23.5	160.4
08:12	300	0.25	95.22	--	3	7.23	1036	9	2.96	24.1	170.5
08:16	300	0.25	95.22	--	4	7.19	1048	9	2.95	24.1	170.6
08:20	300	0.25	95.22	--	5	7.2	1055	9	2.85	24.1	171.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-199D1-Q221	Sample Time:	08:22	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-199D1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-199D2	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	129 to 139	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	94.88	Total Depth (ft-bmp)	138.28	Water Column (ft) 43.4
Well Casing Material	PVC			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.18	Did Well Dewater?	no	
Gallons Purged	13.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:43	300	0.5	100.15	--	1.5	9.45	857	151	1.05	22.8	162.7
09:46	300	0.5	100.15	--	3	8.99	636	43	0.75	23	161.4
09:49	300	0.5	100.15	--	4.5	8.68	588	19	0.51	23.1	158.5
09:52	300	0.5	100.15	--	6	8.53	540	9	0.38	23.2	152.8
09:55	300	0.5	100.15	--	7.5	8.39	521	7	0.26	23.4	137.5
09:58	300	0.5	100.15	--	9	8.39	516	7	0.24	23.4	137.5
10:01	300	0.5	100.15	--	10.5	8.36	517	6	0.24	23.4	135.2
10:04	300	0.5	100.15	--	12	8.37	515	6	0.23	23.4	134.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-199D2-Q221	Sample Time:	10:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
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MW-199D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-199S1	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	70 to 85	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	71.42	Total Depth (ft-bmp)	84.22	Water Column (ft)	12.8	Gallons in Well	8.32
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.44	Did Well Dewater?	no				
Gallons Purged	12.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:48	300	0.5	74.19	--	1.5	7.4	1416	459	1.97	22.6	169.8
08:51	300	0.5	74.19	--	3	7.32	1435	301	2.02	22.9	167.5
08:54	300	0.5	94.19	--	4.5	7.3	1431	244	2.18	23.3	167.8
08:57	300	0.5	94.19	--	6	7.25	1462	107	2.24	23.2	167.4
09:00	300	0.5	74.19	--	7.5	7.24	1413	97	1.64	23.1	167.7
09:03	300	0.5	74.19	--	9	7.27	1402	33	1.15	23.3	166.4
09:06	300	0.5	94.19	--	10.5	7.27	1400	33	1.02	23.2	165.7
09:09	300	0.5	94.19	--	12	7.28	1403	30	0.92	23.4	163.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-199S1-Q221	Sample Time:	09:11	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	30	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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MW-199S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-20	Date	4/22/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91 to 106	Casing Diameter (in.)	4.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	91.43	Total Depth (ft-bmp)	109.12	Water Column (ft)	17.69	Gallons in Well	14.55
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.03	Did Well Dewater?	no				
Gallons Purged	15.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:29	300	0.75	94.72	--	3	6.97	1149	42	0.41	22	87
09:33	300	0.75	94.72	--	6	7	1042	16	0.46	22.5	86.5
09:37	300	0.75	94.72	--	9	7.01	1037	17	0.25	22.9	83.2
09:41	300	0.75	94.72	--	12	7	1048	16	0.21	22.7	84.8
09:45	300	0.75	94.72	--	15	7	1059	16	0.21	22.7	84.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-20-Q221	Sample Time:	09:47	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	16	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-20



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-200S3	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	137 to 147	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	66.17	Total Depth (ft-bmp)	146.35	Water Column (ft)	80.18
				Gallons in Well	20.36
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.18	Did Well Dewater?	no		
Gallons Purged	24.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:26	1	70.03	--	4	9.66	523	4	0.09	21.7	61
09:30	1	71.62	--	8	9.65	519	4	0.05	22.3	48.9
09:34	1	71.99	--	12	9.66	519	5	0.05	22.4	45.9
09:38	1	72.14	--	16	9.66	519	5	0.04	22.4	39.7
09:42	1	72.20	--	20	9.64	519	5	0.04	22.4	35.6
09:46	1	72.25	--	24	9.64	519	5	0.04	22.5	32.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-200S3-Q221	Sample Time:	09:47	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

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MW-200S3



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-201S	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84 to 99	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	83.76	Total Depth (ft-bmp)	98.84	Water Column (ft)	15.08
				Gallons in Well	9.8
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:23	0.5	83.76	--	0	7.91	779	28	2.62	23.5	28.4
10:27	0.5	83.88	--	2	7.91	773	25	2.57	23.7	27.1
10:31	0.5	83.88	--	4	7.91	772	25	2.53	23.8	25.8
10:35	0.5	83.88	--	6	7.89	776	21	2.48	24.3	18.7
10:39	0.5	83.88	--	8	7.89	777	20	2.49	24.4	16.3
10:43	0.5	83.88	--	10	7.89	780	20	2.51	24.5	15.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-201S-Q221	Sample Time:	10:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-201S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-202S	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	89.91	Total Depth (ft-bmp)	104.73	Water Column (ft)	14.82
				Gallons in Well	9.63
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.04	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:04	0.5	89.91	--	0	8.08	546	37	3.15	22.3	23.1
11:08	0.5	90.06	--	2	7.98	540	26	2.91	22.8	22.5
11:12	0.5	90.06	--	4	7.93	547	28	2.71	24.1	19.5
11:16	0.5	90.06	--	6	7.92	547	30	2.62	24.9	16.7
11:20	0.5	90.06	--	8	7.9	552	30	2.58	25.3	15.1
11:24	0.5	90.06	--	10	7.89	553	31	2.59	25.3	14.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-202S-Q221	Sample Time:	11:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	31	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-202S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-202S	Date	6/4/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	90.01	Total Depth (ft-bmp)	104.81	Water Column (ft) 14.8
		Gallons in Well	9.62	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.04	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:34	300	0.5	90.25	--	2	7.84	539	38	4.01	23.3	91.3
09:38	300	0.5	90.25	--	4	7.85	557	40	3.88	24.6	91.3
09:42	300	0.5	90.25	--	6	7.81	580	36	3.69	25.2	96.3
09:46	300	0.5	90.25	--	8	7.76	586	37	3.74	25.1	97.3
09:50	300	0.5	90.27	--	10	7.73	590	36	3.71	25.1	95.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-202S-Q221	Sample Time:	09:51	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-769-Q221	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	36	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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MW-202S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-203D	Date	4/6/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 118	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	69.38	Total Depth (ft-bmp)	118.05	Water Column (ft) 48.67
		Gallons in Well	12.36	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.13	Did Well Dewater?	yes	
Gallons Purged	14.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:49	300	0.5	69.38	--	0	7.8	1076	18	0.27	21	-104.8
10:53	300	0.5	75.13	--	2	7.77	1092	14	0.17	22.5	-138.9
10:57	300	0.5	84.69	--	4	7.75	1094	12	0.18	22.8	-144.11
11:01	300	0.5	93.20	--	6	7.74	1097	12	0.26	23.4	-145.9
11:05	300	0.5	99.12	--	8	7.75	1098	23	0.27	23.3	-144.9
11:09	300	0.5	105.78	--	10	7.76	1103	25	0.31	24.1	-144.9
11:13	300	0.5	111.05	--	12	7.76	1101	29	0.24	24.1	-144.9
11:17	300	0.5	115.78	--	14	7.76	1102	30	0.25	24.1	-145.1
14:10	300	0	75.12	--	14	7.81	1174	13	0.97	21	60.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-203D-Q221</u>	Sample Time:	<u>14:10</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>13</u>	Double Filter Turbidity:	<u>1</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-203D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-205S2	Date	4/6/2021							
Site Location	Hinkley	Sampled by	Brian Martinez							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	109 to 119	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	70.31	Total Depth (ft-bmp)	118.96	Water Column (ft)	48.65	Gallons in Well	12.35			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	1.13	Did Well Dewater?	no							
Gallons Purged	14.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:42	0.5	70.76	--	2	8.37	471	47	7.29	21.7	54.9
09:46	0.5	70.76	--	4	8.36	472	26	7.23	21.8	56.6
09:50	0.5	70.77	--	6	8.34	473	11	7.21	22.8	62.1
09:54	0.5	70.79	--	8	8.33	473	8	7.16	23	66.7
09:58	0.5	70.79	--	10	8.34	474	6	7.18	23.2	69.3
10:02	0.5	70.78	--	12	8.33	474	5	7.14	23.2	70.4
10:06	0.5	70.80	--	14	8.33	474	5	7.19	23.2	71.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-205S2-Q221	Sample Time:	10:07	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-205S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-206S	Date	4/9/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	80.88	Total Depth (ft-bmp)	90.82	Water Column (ft)	9.94	Gallons in Well	6.46
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	7.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:31	400	0.25	82.12	--	1	7.08	9684	11	2.97	20.2	36.3
10:35	400	0.25	82.69	--	2	7.05	9549	10	3.09	20.8	37.4
10:39	400	0.25	82.79	--	3	7.03	9397	10	3.17	21.5	38.8
10:43	400	0.25	93.01	--	4	7.02	9344	10	3.15	22	39
10:47	400	0.25	93.12	--	5	7	9294	10	3.14	22.1	40.2
10:51	400	0.25	93.16	--	6	7.01	9284	10	3.1	22.4	39.4
10:55	400	0.25	93.12	--	7	7.01	9233	10	3.09	22.5	38.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-206S-Q221</u>	Sample Time:	<u>10:56</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-720-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>10</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-206S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-207S1	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	65 to 80	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	60.92	Total Depth (ft-bmp)	79.51	Water Column (ft) 18.59
		Gallons in Well	12.08	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.03	Did Well Dewater?	no	
Gallons Purged	12.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:59	300	0.5	62.75	--	2.5	8.24	531	104	0.87	22.1	109.5
09:03	300	0.5	62.75	--	4.5	8.11	534	37	0.83	22.6	108.4
09:07	300	0.5	62.75	--	6.5	8.03	535	8	0.83	22.7	107.4
09:11	300	0.5	62.75	--	8.5	8.05	541	8	0.87	22.7	106.7
09:15	300	0.5	62.75	--	10.5	8.05	538	7	0.83	22.7	106.4
09:19	300	0.5	62.75	--	12.5	8.04	543	7	0.97	22.7	105.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-207S1-Q221	Sample Time:	09:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-207S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-207S2	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	99.5 to 109.5	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	61.22	Total Depth (ft-bmp)	109.48	Water Column (ft) 48.26
		Gallons in Well	12.25	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no	
Gallons Purged	12.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:17	300	0.5	63.71	--	2	8.8	450	46	1.5	22.2	83.5
08:21	300	0.5	63.71	--	4	8.69	454	18	1.41	22.2	80.4
08:25	300	0.5	63.71	--	6	8.69	457	11	1.4	22.2	77.6
08:29	300	0.5	63.71	--	8	8.69	456	7	1.23	22.3	73.8
08:32	300	0.5	63.71	--	10	8.68	457	7	1.24	22.3	73.7
08:37	300	0.5	63.71	--	12.5	8.69	458	7	1.2	22.3	73.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-207S2-Q221	Sample Time:	08:39	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-207S2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-208S	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	93.23	Total Depth (ft-bmp)	106.29	Water Column (ft)	13.06	Gallons in Well	8.49
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.18	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:39	500	0.5	94.39	--	2	7.23	1570	5	1.18	22.1	37.9
11:43	500	0.5	94.39	--	4	7.2	1558	3	1.18	23.3	37.5
11:47	500	0.5	94.39	--	6	7.21	1552	3	1.18	24	36.1
11:51	500	0.5	94.39	--	8	7.21	1554	3	1.19	24.1	35.8
11:55	500	0.5	94.39	--	10	7.21	1554	3	1.19	24.2	34.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-208S-Q221	Sample Time:	11:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-208S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-209S	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	87 to 107	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	98.81	Total Depth (ft-bmp)	108.79	Water Column (ft)	9.98	Gallons in Well	6.49
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	7.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:25	500	0.25	100.11	--	1	7.39	2447	4	1.29	21.9	-74.2
12:29	500	0.25	100.11	--	2	7.38	2443	2	1.29	23.5	-41.2
12:33	500	0.25	100.11	--	3	7.27	2427	2	1.29	23.8	-18.5
12:37	500	0.25	100.11	--	4	7.21	2371	2	1.31	24.1	7.5
12:41	500	0.25	100.11	--	5	7.21	2359	2	1.31	24.1	8.8
12:45	500	0.25	100.11	--	6	7.2	2348	2	1.3	24.2	9.7
12:49	500	0.25	100.11	--	7	7.2	2339	2	1.29	24.3	10

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-209S-Q221</u>	Sample Time:	<u>12:50</u>	Field Filtered?	<u>yes</u>
			EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)		
Duplicate ID:	<u>MW-909-Q221</u>	Analytes and Methods:		MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>2</u>	Double Filtler Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-209S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-210S	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	87 to 107	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	101.62	Total Depth (ft-bmp)	108.42	Water Column (ft) 6.8
		Gallons in Well	4.42	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.13	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:27	500	0.25	102.08	--	1	7.24	1738	3	1.16	22.3	29.5
13:31	500	0.25	102.09	--	2	7.23	1738	3	1.17	22.5	29.4
13:35	500	0.25	102.09	--	3	7.26	1737	3	1.2	23.7	27.6
13:39	500	0.25	102.09	--	4	7.26	1736	3	1.19	23.9	27.2
13:43	500	0.25	102.09	--	5	7.27	1737	3	1.17	24.1	26.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-210S-Q221	Sample Time:	13:44	Field Filtered?	yes
Duplicate ID:	MW-910-Q221	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-210S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-211S	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	86 to 106	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	101.52	Total Depth (ft-bmp)	107.59	Water Column (ft) 6.07
		Gallons in Well	3.95	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.27	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:13	500	0.25	101.71	--	1	7.39	1332	62	1.3	20.7	21.6
14:17	500	0.25	101.72	--	2	7.27	1338	45	1.31	22.9	29.3
14:21	500	0.25	101.72	--	3	7.28	1339	23	1.31	23.3	29.3
14:25	500	0.25	101.72	--	4	7.29	1340	21	1.32	23.5	27.2
14:29	500	0.25	101.72	--	5	7.29	1340	21	1.3	23.5	27.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-211S-Q221	Sample Time:	14:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	MW-743-Q221	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	21	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-211S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-212S1	Date	4/6/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105	Casing Diameter (in.) 4
				Well Casing Material PVC
Static Water Level (ft-bmp)	93.03	Total Depth (ft-bmp)	104.49	Water Column (ft) 11.46
				Gallons in Well 7.45
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.21	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:48	300	0.5	93.05	--	1.5	7.88	691	15	4.96	23.1	144.2
14:51	300	0.5	93.05	--	3	7.72	682	7	4.73	23.4	146.3
14:54	300	0.5	93.05	--	4.5	7.72	681	6	4.65	23.8	148.4
14:57	300	0.5	93.05	--	6	7.68	702	6	4.66	24.5	151.1
15:00	300	0.5	93.05	--	7.5	7.67	704	6	4.59	24.9	151.7
15:03	300	0.5	93.05	--	9	7.66	711	6	4.6	25.3	152.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-212S1-Q221	Sample Time:	15:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-708-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-212S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-213D	Date	4/6/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	147 to 157	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	99.84	Total Depth (ft-bmp)	157.41	Water Column (ft)	57.57	Gallons in Well	14.62
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.03	Did Well Dewater?	no				
Gallons Purged	15.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:12	0.5	103.29	--	2	6.79	557	7	6.97	21.8	55.9
08:16	0.5	103.51	--	4	7.14	562	5	1.45	23.4	11.9
08:20	0.5	103.70	--	6	7.3	550	3	1.12	23.7	-47.4
08:24	0.5	103.83	--	8	7.35	550	3	1.05	23.7	-69.6
08:28	0.5	103.83	--	10	7.38	548	3	0.98	23.8	-82.9
08:32	0.5	103.83	--	12	7.4	546	3	0.96	23.9	-95.8
08:36	0.5	103.83	--	14	7.41	546	3	0.94	24	-100.5
08:40	0.25	103.83	--	15	7.41	547	3	0.92	24	-101.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-213D-Q221	Sample Time:	08:41	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-213D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-213S	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4
		Well Casing Material	PVC		
Static Water Level (ft-bmp)	87.69	Total Depth (ft-bmp)	94.75	Water Column (ft)	7.06
		Gallons in Well	4.59		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.09	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:08	0.25	87.73	--	1	7.12	1388	175	6.25	21.5	21.3
09:12	0.25	87.73	--	2	7.13	1395	68	5.47	23.6	16.2
09:16	0.25	87.73	--	3	7.17	1399	49	5.03	24.5	13.2
09:20	0.25	87.73	--	4	7.2	1400	47	4.94	24.9	13.5
09:24	0.25	87.73	--	5	7.21	1399	46	4.88	24.7	14.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-213S-Q221	Sample Time:	09:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	6	Without Filter Turbidity:	46	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-213S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-214D	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	147 to 157	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	94	Total Depth (ft-bmp)	156.74	Water Column (ft)	62.74
				Gallons in Well	15.93
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no		
Gallons Purged	16.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:59	0.5	95.49	--	2	7.38	457.1	4	2.13	22.2	-1.6
10:03	0.5	95.49	--	4	7.47	457.8	4	1.69	23.6	-2.1
10:07	0.5	95.49	--	6	7.53	457.5	4	1.34	24.2	-8.2
10:11	0.5	95.49	--	8	7.55	457.3	4	1.05	24.3	-9.8
10:15	0.5	95.49	--	10	7.57	460.1	4	1.01	25	-20.6
10:19	0.5	95.49	--	12	7.58	459.5	4	0.98	25.1	-23.2
10:23	0.5	95.49	--	14	7.58	458.9	4	0.97	25.1	-24.3
10:27	0.5	95.49	--	16	7.58	460	4	0.92	25.1	-25.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-214D-Q221	Sample Time:	10:28	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-214D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-214S	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	82.09	Total Depth (ft-bmp)	94.61	Water Column (ft)	12.52
				Gallons in Well	8.14
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.11	Did Well Dewater?	no		
Gallons Purged	9.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:45	0.5	84.19	--	2	7.31	461.1	8	1.43	22.3	18.7
10:49	0.5	84.36	--	4	7.3	462.6	6	1.31	23	15.1
10:53	0.5	84.63	--	6	7.31	462.9	5	1.25	23.9	13.2
10:57	0.25	84.69	--	7	7.32	463.1	5	1.19	24	11.2
11:01	0.25	84.69	--	8	7.32	461.5	5	1.17	24.2	10.3
11:05	0.25	84.69	--	9	7.32	461	5	1.15	24.2	10.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-214S-Q221	Sample Time:	11:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-214S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-214S	Date	6/3/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	82.11	Total Depth (ft-bmp)	95	Water Column (ft)	12.89
				Gallons in Well	8.38
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-214S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-215D	Date	4/6/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	136 to 146	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	94.68	Total Depth (ft-bmp)	145.43	Water Column (ft)	50.75	Gallons in Well	12.89
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.01	Did Well Dewater?	no				
Gallons Purged	13.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:42	0.5	104.19	--	2	7.54	482.7	22	1.28	22.5	4.4
12:46	0.5	106.31	--	4	7.39	482.6	16	1.3	23.1	27.5
12:50	0.5	109.25	--	6	7.39	483.9	15	1.27	24.9	25.8
12:54	0.5	112.09	--	8	7.44	484.9	15	1.25	25.6	22.3
12:58	0.5	113.00	--	10	7.46	485.3	14	1.23	25.6	17.8
13:02	0.25	113.29	--	11	7.48	485.9	14	1.19	25.7	18.9
13:06	0.25	113.30	--	12	7.48	487.2	14	1.18	25.7	19.2
13:10	0.25	113.30	--	13	7.48	487.9	14	1.15	25.8	17.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-215D-Q221	Sample Time:	13:11	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	14	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-215D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-215S	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 98	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	72.95	Total Depth (ft-bmp)	97.34	Water Column (ft)	24.39
				Gallons in Well	15.85
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no		
Gallons Purged	16.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:32	0.5	74.42	--	2	7.32	421.2	4	0.63	21.8	22.9
11:36	0.5	76.71	--	4	7.36	422.4	5	0.59	23	17.1
11:40	0.5	77.29	--	6	7.37	422.5	5	0.58	23	13.7
11:44	0.5	78.10	--	8	7.38	423.1	5	0.52	23.6	12.9
11:48	0.25	79.41	--	9	7.42	424.1	5	0.45	24.3	10.9
11:52	0.25	81.35	--	10	7.45	424.4	5	0.49	24.5	9.6
11:56	0.25	82.69	--	12	7.47	424.7	5	0.44	24.8	9.5
12:00	0.25	83.02	--	13	7.47	425.1	4	0.4	25	9.4
12:04	0.25	83.72	--	14	7.47	425.7	4	0.4	25.3	8.2
12:08	0.25	83.79	--	15	7.48	426.2	4	0.39	26	8.1
12:12	0.25	83.79	--	16	7.48	426.8	4	0.37	25.8	7.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-215S-Q221</u>	Sample Time:	<u>12:13</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>4</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-215S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-216D	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	103 to 113	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	93.29	Total Depth (ft-bmp)	112.96	Water Column (ft)	19.67
				Gallons in Well	4.99
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:59	0.25	93.39	--	1	7.38	1284	135	1.54	23	24.8
14:03	0.25	93.39	--	2	7.24	1279	99	1.56	24.9	34.1
14:07	0.25	93.39	--	3	7.24	1282	51	1.54	25.5	31.8
14:11	0.25	93.39	--	4	7.26	1281	49	1.52	25.2	30.2
14:15	0.25	93.39	--	5	7.26	1285	47	1.51	25.2	32.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-216D-Q221	Sample Time:	14:16	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-707-Q221	Trip Blank ID:	--
Single Filter Turbidity:	8	Without Filter Turbidity:	47	Double Filter Turbidity:	2
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-216D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-216S	Date	4/6/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	93.21	Total Depth (ft-bmp)	94.98	Water Column (ft)	1.77
				Gallons in Well	1.15
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-216S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-216S	Date	6/3/2021						
Site Location	Hinkley	Sampled by	Andrew Pham						
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	4	Well Casing Material	PVC		
Static Water Level (ft-bmp)	93.86	Total Depth (ft-bmp)	95	Water Column (ft)	1.14	Gallons in Well	0.74		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment					
Well Volumes Purged	N/A	Did Well Dewater?	no						
Gallons Purged									

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

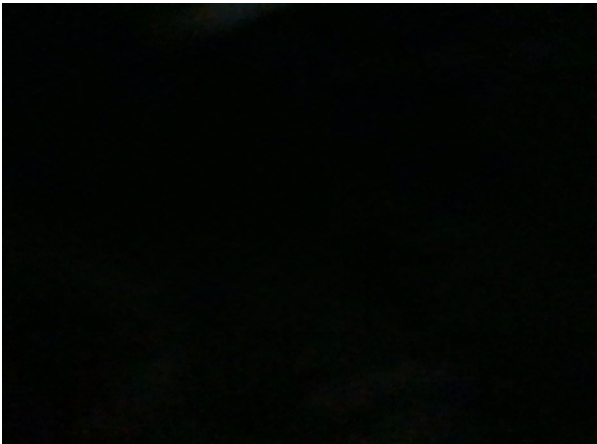
Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-216S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-217D	Date	4/22/2021				
Site Location	Hinkley	Sampled by	Brian Martinez				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	84.97	Total Depth (ft-bmp)	119.13	Water Column (ft)	34.16	Gallons in Well	8.67
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.15	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:21	0.5	89.02	--	2	7.74	396	45	0.24	20.7	-22.4
09:25	0.5	89.04	--	4	7.6	403	23	0.17	21.8	-82.7
09:29	0.5	89.06	--	6	7.59	399	9	0.16	22.3	-86.8
09:33	0.5	89.07	--	8	7.58	401	7	0.17	22.3	-82.6
09:37	0.5	89.09	--	10	7.58	402	7	0.19	22.4	-78.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-217D-Q221	Sample Time:	09:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-217D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-217S	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	88 to 103	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	84.98	Total Depth (ft-bmp)	102.17	Water Column (ft)	17.19
				Gallons in Well	11.17
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.07	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:01	0.5	89.31	--	2	7.43	755	216	2.2	22.2	13
10:05	0.5	89.31	--	4	7.41	755	94	2.23	22.4	-8.3
10:09	0.5	89.36	--	6	7.36	778	34	1.98	23	-52
10:13	0.5	89.36	--	8	7.33	787	10	1.86	23	-57.7
10:17	0.5	89.34	--	10	7.31	790	8	1.72	23.1	-62.5
10:21	0.5	89.36	--	12	7.29	794	9	1.68	23.1	-65.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-217S-Q221	Sample Time:	10:22	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-217S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-218D	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	133 to 143	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	92.3	Total Depth (ft-bmp)	142.21	Water Column (ft) 49.91
		Gallons in Well	12.67	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.18	Did Well Dewater?	no	
Gallons Purged	15.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:53	300	0.75	92.30	--	0	7.17	743	23	3.42	19.1	98.2
07:57	300	0.75	92.50	--	3	7.22	817	15	4.93	20	94.1
08:01	300	0.75	92.50	--	6	7.23	808	9	5.11	20.1	93.1
08:05	300	0.75	92.50	--	9	7.24	805	7	5.04	20.1	92.9
08:09	300	0.75	92.50	--	12	7.24	807	7	5.01	20.1	92.5
08:13	300	0.75	92.50	--	15	7.24	809	6	5.02	20.1	92.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-218D-Q221	Sample Time:	08:14	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-218D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-218S	Date	4/16/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 98	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	94.27	Total Depth (ft-bmp)	97.82	Water Column (ft)	3.55
				Gallons in Well	2.31
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.69	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:31	300	94.27	0	--	7.22	1029	33	5.57	16.2	112.9
08:35	300	94.30	1200	--	7.2	1028	21	5.47	16.3	114.3
08:39	300	94.30	2400	--	7.2	1026	15	5.38	16.3	119.2
08:43	300	94.30	3600	--	7.2	1025	10	5.36	16.3	117.9
08:47	300	94.30	4800	--	7.2	1025	9	5.31	16.3	118.1
08:51	300	94.30	6000	--	7.2	1026	9	5.44	16.4	118.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-218S-Q221	Sample Time:	08:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-218S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-219S1	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	70.46	Total Depth (ft-bmp)	89.61	Water Column (ft)	19.15
				Gallons in Well	12.45
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.12	Did Well Dewater?	no		
Gallons Purged	14.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:18	0.5	71.52	--	2	7.71	503	6	1	21.6	82.3
11:22	0.5	71.54	--	4	7.7	503	6	2.59	22.9	79.8
11:26	0.5	71.53	--	6	7.7	503	6	2.63	23	79.6
11:30	0.5	71.54	--	8	7.69	503	6	2.57	23.1	79.6
11:34	0.5	71.54	--	10	7.7	503	6	2.59	23.1	79.8
11:38	0.5	71.55	--	12	7.71	504	6	2.63	23.3	80.4
11:42	0.5	71.55	--	14	7.72	504	5	2.64	23.3	80.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-219S1-Q221	Sample Time:	11:43	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-219S1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-21A	Date	4/9/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	99.5 to 109.5	Casing Diameter (in.) 4
Static Water Level (ft-bmp)	99.19	Total Depth (ft-bmp)	111.35	Water Column (ft) 12.16
Well Casing Material	PVC	Gallons in Well	7.9	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.27	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:45	500	0.5	99.19	--	0	7.41	3831	40	5.39	20.2	51.2
08:49	500	0.5	99.29	--	2	7.35	3859	4	5.21	20.2	50.8
08:53	500	0.5	99.29	--	4	7.12	3859	4	4.81	23.2	51.7
08:57	500	0.5	99.29	--	6	7.04	3869	2	4.7	23.6	52.1
09:01	500	0.5	99.29	--	8	7.02	3868	2	4.68	23.5	51
09:05	500	0.5	99.29	--	10	7	3874	2	4.64	23.7	50.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-21A-Q221	Sample Time:	09:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-21A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-21B1	Date	4/9/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	119.3 to 129.3	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	103.5	Total Depth (ft-bmp)	129.8	Water Column (ft)	26.3	Gallons in Well	17.09
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.17	Did Well Dewater?	no				
Gallons Purged	20.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:38	200	1	103.50	--	0	8.48	1607	35	4.9	17.8	21.8
07:42	200	1	103.70	--	4	7.71	1606	16	3.94	21.8	25.1
07:46	200	1	103.70	--	8	7.59	1611	7	3.96	22.7	27.2
07:50	200	1	103.70	--	12	7.45	1609	6	3.92	23.3	27.3
07:54	200	1	103.70	--	16	7.43	1606	6	3.88	23.6	28.2
07:58	200	1	103.70	--	20	7.38	1608	6	3.93	23.5	30.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-21B1-Q221	Sample Time:	07:59	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-21B1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-21C	Date	4/9/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	178 to 198	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	97.63	Total Depth (ft-bmp)	198	Water Column (ft)	100.37
				Gallons in Well	65.24
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Dedicated QED
Well Volumes Purged	0.04	Did Well Dewater?	no		
Gallons Purged	2.64				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:16	500	97.63	0	--	7.87	1595	11	6.37	19.5	48.2
08:20	500	97.64	2000	--	7.98	1589	9	0.82	19.5	-21.6
08:24	500	97.64	4000	--	7.96	1594	5	0.58	19.6	-19.3
08:28	500	97.64	6000	--	7.94	1594	5	0.46	19.9	-15.8
08:32	500	97.64	8000	--	7.93	1593	5	0.39	19.9	-17.5
08:36	500	97.64	1000	--	7.92	1595	5	0.35	20	-18

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-21C-Q221	Sample Time:	08:37	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-21C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-220D	Date	4/5/2021							
Site Location	Hinkley	Sampled by	Brian Martinez							
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	127 to 137	Casing Diameter (in.)	2.5	Well Casing Material	PVC			
Static Water Level (ft-bmp)	92.36	Total Depth (ft-bmp)	135.21	Water Column (ft)	42.85	Gallons in Well	10.88			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2					
Well Volumes Purged	1.10	Did Well Dewater?	no							
Gallons Purged	12.00									

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:59	0.5	94.81	--	2	7.51	411	89	0.3	22.6	-45.4
12:03	0.5	104.76	--	4	7.53	434	14	1.03	23.2	-60.4
12:07	0.5	104.78	--	6	7.55	449	9	1.28	23.3	-63
12:11	0.5	104.79	--	8	7.58	470	7	1.31	23.4	-56.2
12:15	0.5	104.79	--	10	7.6	472	6	1.39	23.4	-52.1
12:19	0.5	104.78	--	12	7.62	475	5	1.42	23.4	-49.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-220D-Q221	Sample Time:	12:20	Field Filtered?	yes
Duplicate ID:	MW-921-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-220D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-220S	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	103 to 118	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	105.87	Total Depth (ft-bmp)	117.77	Water Column (ft)	11.9
				Gallons in Well	7.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.29	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:54	0.5	106.93	--	2	7.29	1026	26	1.34	22.4	51.5
12:58	0.5	106.94	--	4	7.16	1019	13	1.04	22.8	27.1
13:02	0.5	106.95	--	6	7.29	1029	9	1.01	22.9	11.1
13:06	0.5	106.95	--	8	7.31	1030	8	0.98	23.1	8.6
13:10	0.5	106.96	--	10	7.33	1031	8	0.95	23.2	5.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

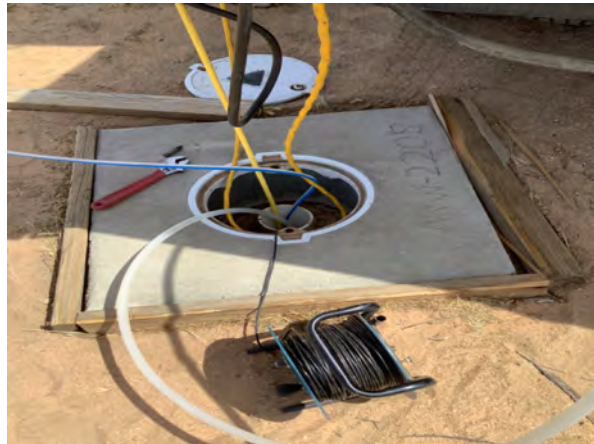
Sample ID:	MW-220S-Q221	Sample Time:	13:11	Field Filtered?	yes
Duplicate ID:	MW-922-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-220S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-221S	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	81 to 96	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	82.36	Total Depth (ft-bmp)	95.7	Water Column (ft)	13.34	Gallons in Well	8.67
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	9.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:27	400	0.5	82.59	--	2	7.27	1975	115	2.05	21.8	127.9
09:31	400	0.5	82.59	--	4	7.26	1982	72	2.03	22.2	126.8
09:35	400	0.5	82.59	--	6	7.26	2015	46	2.1	23.2	117.3
09:39	400	0.5	82.59	--	8	7.26	2017	46	2.1	23.3	116.6
09:43	400	0.25	82.59	--	9	7.26	2025	45	2.12	23.3	115.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-221S-Q221	Sample Time:	09:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	45	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-221S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-226S	Date	4/7/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	78 to 93	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	76.69	Total Depth (ft-bmp)	93.81	Water Column (ft)	17.12	Gallons in Well	11.13
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	12.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:05	300	0.5	76.91	--	2	7.67	876	13	4.82	22.3	133.4
12:09	300	0.5	76.91	--	4	7.65	889	8	4.64	23.1	134.5
12:13	300	0.5	76.91	--	6	7.58	893	5	4.69	23.6	136.5
12:17	300	0.5	76.91	--	8	7.55	884	5	4.56	23.7	134.5
12:21	300	0.5	76.91	--	10	7.56	900	5	4.65	23.8	134.4
12:25	300	0.5	76.91	--	12	7.54	893	5	4.82	23.8	134.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-226S-Q221	Sample Time:	12:27	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-226S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-22A1	Date	4/12/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	69 to 89	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	91.22	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-22A1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-22B	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 125	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	105.93	Total Depth (ft-bmp)	125.52	Water Column (ft)	19.59	Gallons in Well	12.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	0.25	Did Well Dewater?	no				
Gallons Purged	3.17						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:59	500	106.00	2000	--	7.47	2090	3	2.57	21.4	85.3
12:03	500	106.00	4000	--	7.29	1949	3	2.2	21.2	88.5
12:07	500	106.00	6000	--	7.18	1711	2	2.21	21.3	95.6
12:11	500	106.00	8000	--	7.17	1699	2	2.22	21.3	95.7
12:15	500	106.00	10000	--	7.16	1701	2	2.2	21.3	95.8
12:19	500	106.00	12000	--	7.16	1700	2	2.18	21.4	94.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-22B-Q221	Sample Time:	12:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-22B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-23B	Date	6/1/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	103 to 113	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	105.1	Total Depth (ft-bmp)	113	Water Column (ft)	7.9
				Gallons in Well	5.13
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-23B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-23B	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	103 to 113	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.87	Total Depth (ft-bmp)	115.36	Water Column (ft)	10.49
				Gallons in Well	6.82
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.29	Did Well Dewater?	no		
Gallons Purged	2.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:05	0.1	104.93	--	0.4	7.59	963	8	5.9	22.1	103
14:09	0.1	104.92	--	0.8	7.47	957	5	5.39	22	107.9
14:13	0.1	104.92	--	1.2	7.46	960	5	5.41	22	110.1
14:17	0.1	104.92	--	1.6	7.44	962	4	5.43	22	111.3
14:21	0.1	104.93	--	2	7.43	963	4	5.46	22.1	114.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-23B-Q221	Sample Time:	14:22	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-736-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-23B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-23C	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	131 to 141	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	102.67	Total Depth (ft-bmp)	144.81	Water Column (ft)	42.14
Well Casing Material	PVC				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no		
Gallons Purged	28.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:12	1	104.97	--	4	6.77	2035	5	1.04	21	150.5
08:16	1	105.04	--	8	7.12	2014	4	0.61	21.8	136.7
08:20	1	105.17	--	12	7.14	2008	4	0.53	22	131.9
08:24	1	105.21	--	16	7.2	2007	4	0.5	22.2	128
08:28	1	105.23	--	20	7.23	1995	4	0.46	22.8	121.9
08:32	1	105.25	--	24	7.25	1990	4	0.43	22.8	119.6
08:36	1	105.26	--	28	7.26	2981	4	0.42	22.9	117.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-23C-Q221	Sample Time:	08:37	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-23C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-27A	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	104.2 to 114.2	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	106.72	Total Depth (ft-bmp)	114.13	Water Column (ft)	7.41
Well Casing Material	PVC				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	1.10	Did Well Dewater?	no		
Gallons Purged	5.28				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:23	500	106.75	2000	--	7.48	1815	2	1.58	21.5	26.4
13:27	500	106.75	4000	--	7.35	1952	1	1.57	21.1	30.6
13:31	500	106.75	6000	--	7.3	1964	1	1.59	21.1	33.8
13:35	500	106.75	8000	--	7.3	1964	1	1.6	21.1	34.2
13:39	500	106.75	10000	--	7.28	1964	1	1.61	21.2	35.3
13:43	500	106.75	12000	--	7.27	1962	1	1.63	21.1	35.4
13:47	500	106.75	14000	--	7.27	1963	1	1.62	21.2	36.5
13:51	500	106.75	16000	--	7.27	1962	1	1.63	21.2	35.6
13:55	500	106.75	18000	--	7.26	1962	1	1.64	21.1	35.4
13:59	500	106.75	20000	--	7.26	1961	1	1.64	21.2	35.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-27A-Q221</u>	Sample Time:	<u>14:00</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SM 5310 B (Total Organic Carbon),SW 6010B/6020/6020 A (Dissolved metals)</u>		
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>1</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-27A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-27B	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	130.3 to 140.3	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	111.46	Total Depth (ft-bmp)	152.01	Water Column (ft)	40.55	Gallons in Well	26.36
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.06	Did Well Dewater?	no				
Gallons Purged	28.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:37	500	1	111.64	--	4	7.32	1763	2	1.27	21.7	30.8
12:41	500	1	111.64	--	8	7.24	1816	2	1.51	22.2	31.2
12:45	500	1	111.64	--	12	7.23	1810	2	1.53	22.2	30.8
12:49	500	1	111.64	--	16	7.23	1767	2	1.59	22.2	30.4
12:53	500	1	111.64	--	20	7.22	1725	2	1.57	22.2	30.5
12:57	500	1	111.64	--	24	7.22	1724	2	1.55	22.2	30.5
13:01	500	1	111.64	--	28	7.22	1729	2	1.54	22.2	30.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-27B-Q221</u>	Sample Time:	<u>13:02</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>2</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-27B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-28A	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	82.9 to 92.9	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	96.17	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-28A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-28B	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	96.8 to 106.8	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	102.73	Total Depth (ft-bmp)	108.15	Water Column (ft)	5.42
				Gallons in Well	3.52
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.72	Did Well Dewater?	no		
Gallons Purged	2.54				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:17	400	102.82	1600	--	7.47	1329	2	1.76	22.1	30.7
10:21	400	102.82	3200	--	7.43	1217	2	1.7	22.2	30.2
10:25	400	102.82	4800	--	7.39	1161	2	1.68	22.4	30.9
10:29	400	102.82	6400	--	7.38	1173	2	1.67	22.3	31.6
10:33	400	102.82	8000	--	7.38	1174	2	1.66	22.3	31.8
10:37	400	102.82	9600	--	7.38	1178	2	1.65	22.4	31.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-28B-Q221	Sample Time:	10:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-28B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-28C	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	131 to 136	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	99.95	Total Depth (ft-bmp)	135.24	Water Column (ft)	35.29	Gallons in Well	5.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.05	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:54	500	0.25	102.11	--	1	7.3	1109	17	1.78	21.7	10.2
08:58	500	0.25	102.11	--	2	7.31	1121	15	1.6	23.2	-6.8
09:02	500	0.25	102.11	--	3	7.34	1120	10	1.41	23.8	-10.7
09:06	500	0.25	102.11	--	4	7.35	1129	9	1.34	23.9	-10.7
09:10	500	0.25	102.11	--	5	7.35	1120	9	1.31	24	-10.8
09:14	500	0.25	102.11	--	6	7.35	1123	9	1.28	24.1	-10.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-28C-Q221	Sample Time:	09:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-28C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-29	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90.4 to 100.4	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	93.79	Total Depth (ft-bmp)	102.19	Water Column (ft)	8.4	Gallons in Well	5.46
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.10	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:27	500	0.25	94.02	--	1	7.48	1147	11	2.51	21	30.6
14:31	500	0.25	94.02	--	2	7.4	1140	50	2.51	21.3	37.2
14:35	500	0.25	94.02	--	3	7.35	1141	31	2.5	22.7	40.6
14:39	500	0.25	94.02	--	4	7.35	1143	21	2.51	23	39.6
14:43	500	0.25	94.02	--	5	7.36	1145	20	2.5	23.2	39
14:47	500	0.25	94.02	--	6	7.36	1145	19	2.5	23.4	38.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-29-Q221	Sample Time:	14:48	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	EB-738-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	19	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-29



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-30B2	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	150.6 to 160.6	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	104.89	Total Depth (ft-bmp)	160.58	Water Column (ft)	55.69	Gallons in Well	36.2
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	0.09	Did Well Dewater?	no				
Gallons Purged	3.17						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:27	500	104.99	2000	--	7.56	1602	4	1.7	20.7	24.5
11:31	500	104.99	4000	--	7.33	1684	4	1.25	20.7	28.8
11:35	500	104.99	6000	--	7.3	1680	4	1.28	20.8	30.3
11:39	500	104.99	8000	--	7.29	1681	4	1.24	20.8	31.2
11:43	500	104.99	10000	--	7.28	1679	4	1.23	20.9	31.9
11:47	500	104.99	12000	--	7.26	1674	4	1.2	20.9	32.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-30B2-Q221	Sample Time:	11:48	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-30B2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-31	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	117.6 to 127.6	Casing Diameter (in.) 4
Static Water Level (ft-bmp)	102.38	Total Depth (ft-bmp)	128.21	Water Column (ft) 25.83
Well Casing Material	PVC	Gallons in Well	16.79	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.07	Did Well Dewater?	no	
Gallons Purged	18.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:28	400	0.75	102.58	--	3	7.22	4230	3	2.16	20.8	92.1
14:32	400	0.75	102.58	--	6	7.17	4249	3	2.23	20.8	93
14:36	400	0.75	102.58	--	9	7.16	4254	2	2.24	21.1	93.4
14:40	400	0.75	102.58	--	12	7.15	4256	2	2.26	21.1	93.4
14:44	400	0.75	102.58	--	15	7.14	4258	2	2.28	21.3	93.4
14:48	400	0.75	102.58	--	18	7.14	4260	2	2.27	21.2	92.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-31-Q221	Sample Time:	14:49	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	EB-716-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

MW-31

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-31C	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	154 to 164	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	96.11	Total Depth (ft-bmp)	163.84	Water Column (ft)	67.73	Gallons in Well	44.02
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.02	Did Well Dewater?	no				
Gallons Purged	45.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:37	400	1.5	99.01	--	6	7.21	5556	4	2.22	20.8	96.9
13:41	400	1.5	99.29	--	12	7.17	5512	4	2.25	21	97.5
13:45	400	1.5	100.62	--	18	7.16	5516	3	2.26	21.1	97.6
13:49	400	1.5	100.72	--	24	7.14	5462	2	2.28	21.2	96.9
13:53	400	1.5	100.87	--	30	7.14	5422	2	2.28	21.2	96.7
13:57	400	1.5	100.95	--	36	7.13	5415	2	2.28	21.2	96.6
14:01	400	1	100.95	--	40	7.13	5376	2	2.28	21.3	96.3
14:06	400	1	100.95	--	45	7.13	5377	2	2.28	21.3	96.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-31C-Q221	Sample Time:	14:07	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-31C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-32B1	Date	4/9/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	131.1 to 141.1	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	102.41	Total Depth (ft-bmp)	143.11	Water Column (ft)	40.7
Well Casing Material	PVC	Gallons in Well	26.45		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.08	Did Well Dewater?	no		
Gallons Purged	2.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:47	0.1	102.49	--	0.4	8.16	1140	8	5.15	20.2	100.1
09:51	0.1	102.49	--	0.8	7.87	1165	6	5.27	20.3	102.7
09:55	0.1	102.49	--	1.2	7.78	1148	6	5.31	20.4	104.3
09:59	0.1	102.50	--	1.6	7.75	1138	5	5.35	20.5	105.8
10:03	0.1	102.50	--	2	7.73	1130	5	5.38	20.8	107.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-32B1-Q221	Sample Time:	10:04	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-32B1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-32S	Date	4/9/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	83.72	Total Depth (ft-bmp)	93.64	Water Column (ft)	9.92
				Gallons in Well	1.61
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	1.24	Did Well Dewater?	no		
Gallons Purged	2.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:46	0.1	83.78	--	0.4	6.87	4399	34	8.34	20.4	135.7
10:50	0.1	83.79	--	0.8	6.87	4349	24	8.5	20.4	137.8
10:54	0.1	83.79	--	1.2	6.85	4375	24	8.52	20.4	139.6
10:58	0.1	83.79	--	1.2	6.87	4374	23	8.59	20.4	141.4
11:02	0.1	83.79	--	2	6.86	4362	23	8.62	20.4	143

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-32S-Q221	Sample Time:	11:03	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	MW-722-Q221	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	23	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-32S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-33A	Date	4/8/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	98.2 to 108.2	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	100.36	Total Depth (ft-bmp)	110.75	Water Column (ft)	10.39
				Gallons in Well	6.75
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-33A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-33B	Date	4/8/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	137.4 to 147.4	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	107.08	Total Depth (ft-bmp)	150.01	Water Column (ft)	42.93
				Gallons in Well	27.9
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-33B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-34	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	222 to 232	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	95.38	Total Depth (ft-bmp)	233.71	Water Column (ft)	138.33	Gallons in Well	89.91
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.02	Did Well Dewater?	no				
Gallons Purged	92.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:42	500	4	95.38	--	0	7.98	1182	15	1.24	22.7	9.3
13:47	500	4	96.33	--	20	8.04	1187	6	0.29	23.2	-22.2
13:52	500	4	96.33	--	40	8.06	1190	5	0.25	23.6	-36.7
13:57	500	4	96.33	--	60	8.06	1190	5	0.21	24	-62.5
14:02	500	4	96.33	--	80	8.09	1190	5	0.19	23.9	-65.5
14:05	500	4	96.33	--	92	8.1	1190	5	0.18	24	-67.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-34-Q221	Sample Time:	14:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-735-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

MW-34

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-36	Date	4/16/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	114.7 to 124.7	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	103	Total Depth (ft-bmp)	126	Water Column (ft)	23
Well Casing Material	PVC				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.18	Did Well Dewater?	no		
Gallons Purged	2.64				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:02	500	103.00	0	--	7.85	785	15	5.61	20.8	7.7
09:06	500	103.08	2000	--	7.67	793	8	1.7	21.6	5
09:10	500	103.08	4000	--	7.59	788	5	0.82	21.4	-4.5
09:14	500	103.08	6000	--	7.54	790	5	0.73	21.4	-11.1
09:18	500	103.08	8000	--	7.53	790	5	0.71	21.5	-13.2
09:22	500	103.08	10000	--	7.5	791	5	0.69	21.5	-15.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-36-Q221	Sample Time:	09:23	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-36



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-37	Date	4/16/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	112.3 to 122.3	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	108.2	Total Depth (ft-bmp)	122.52	Water Column (ft)	14.32	Gallons in Well	9.31
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.07	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:56	500	0.5	109.77	--	2	7.54	781	25	1.52	23.1	56.5
11:00	500	0.5	109.77	--	4	7.44	778	20	1.51	22.9	54.3
11:04	500	0.5	109.77	--	6	7.46	775	12	1.49	22.6	50.7
11:08	500	0.5	109.77	--	8	7.46	774	11	1.43	22.6	49.3
11:12	500	0.5	109.77	--	10	7.47	773	11	1.42	22.6	48.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-37-Q221	Sample Time:	11:13	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	MW-37-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	EB-748-Q221	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG



MW-37

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-38B	Date	5/6/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115.7 to 125.7	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	114.8	Total Depth (ft-bmp)	124.81	Water Column (ft) 10.01
		Gallons in Well	6.51	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.54	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:25	500	0.5	114.80	--	0	7.21	794	45	5.37	22.9	50.8
08:29	500	0.5	114.95	--	2	7.23	785	22	5.31	23.5	55.9
08:33	500	0.5	114.95	--	4	7.25	784	13	5.38	23.5	56.6
08:37	500	0.5	114.95	--	6	7.24	785	8	5.32	23.6	58.2
08:41	500	0.5	114.95	--	8	7.25	785	7	5.35	23.6	58.9
08:45	500	0.5	114.95	--	10	7.25	784	7	5.35	23.6	59.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-38B-Q221	Sample Time:	08:36	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-38B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-39	Date	4/22/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91.4 to 101.4	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	93.75	Total Depth (ft-bmp)	104.61	Water Column (ft) 10.86
		Gallons in Well	7.06	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.42	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:11	300	0.5	93.75	--	0	6.89	967	23	0.51	21.6	-25.2
11:15	300	0.4	93.90	--	2	6.85	967	13	0.42	22.3	-30.8
11:19	300	0.4	93.90	--	4	6.84	967	7	0.39	22.4	-31.7
11:23	300	0.5	93.90	--	6	6.84	970	5	0.38	22.6	-31.9
11:27	300	0.5	93.90	--	8	6.84	970	5	0.38	22.6	-32.3
11:31	300	0.5	93.90	--	10	6.84	968	4	0.38	22.7	-32.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-39-Q221	Sample Time:	11:32	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-39



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-39D	Date	4/22/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	105 to 120	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	91.05	Total Depth (ft-bmp)	122.86	Water Column (ft) 31.81
		Gallons in Well	8.08	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.24	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:35	300	0.5	91.05	--	0	7.6	540	98	1.16	21.9	104.2
10:39	300	0.5	91.20	--	2	7.02	880	31	0.66	22.3	71.9
10:43	300	0.5	91.20	--	4	6.99	870	9	0.63	22.4	64.9
10:47	300	0.5	91.20	--	6	6.96	890	6	0.61	22.4	56.9
10:51	300	0.5	91.20	--	8	6.96	889	5	0.6	22.4	53.1
10:55	300	0.5	91.20	--	10	6.96	891	5	0.61	22.4	50.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-39D-Q221	Sample Time:	10:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-39D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-41S	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	81 to 96	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	88.59	Total Depth (ft-bmp)	94.55	Water Column (ft)	5.96	Gallons in Well	0.97
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	6.19	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:59	500	0.25	88.59	--	0	7.56	1658	192	2.56	23	29.9
12:03	500	0.25	88.66	--	1	7.62	1656	75	2.82	22	34.9
12:07	500	0.25	88.66	--	2	7.27	1665	52	3.67	27.6	9.9
12:11	500	0.25	88.66	--	3	7.29	1658	48	3.82	26.7	13.4
12:15	500	0.25	88.66	--	4	7.26	1651	46	3.85	25.6	23
12:19	500	0.25	88.66	--	5	7.26	1652	43	3.98	25.3	26.3
12:23	500	0.25	88.66	--	6	7.25	1649	46	4.08	25.1	28.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-41S-Q221	Sample Time:	12:24	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	46	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-41S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-42B1	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107.8 to 117.8	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	104.61	Total Depth (ft-bmp)	119.01	Water Column (ft)	14.4	Gallons in Well	9.36
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.07	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:18	400	0.5	104.68	--	2	7.16	4101	8	2.07	21	118
10:22	400	0.5	104.68	--	4	7.11	4137	3	2.12	22.8	115.8
10:26	400	0.5	104.69	--	6	7.11	4148	3	2.13	23	114.7
10:30	400	0.5	104.69	--	8	7.11	4154	3	2.14	23.4	113.1
10:34	400	0.5	104.69	--	10	7.11	4156	3	2.15	23.4	112.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-42B1-Q221	Sample Time:	10:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-42B1



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-42B2	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	119.4 to 129.4	Casing Diameter (in.) 4
Static Water Level (ft-bmp)	104.42	Total Depth (ft-bmp)	131.98	Water Column (ft) 27.56
Well Casing Material	PVC	Gallons in Well	17.91	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no	
Gallons Purged	18.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:01	400	0.75	104.51	--	3	7.17	4440	24	2.13	21	114.1
11:05	400	0.75	104.51	--	6	7.11	4488	15	2.17	22.1	114.6
11:09	400	0.75	104.51	--	9	7.1	4524	12	2.19	22.4	113.1
11:13	400	0.75	104.51	--	12	7.1	4531	8	2.23	22.5	112
11:17	400	0.75	104.51	--	15	7.1	4543	8	2.24	22.6	111.5
11:21	400	0.75	104.51	--	18	7.09	4541	8	2.25	22.7	110.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-42B2-Q221	Sample Time:	11:22	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-42B2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-42C	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	146 to 151	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	98.64	Total Depth (ft-bmp)	149.59	Water Column (ft) 50.95
		Gallons in Well	8.28	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.09	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:00	400	0.5	103.69	--	2	7.16	2217	21	1.3	21.8	102
12:04	400	0.5	103.79	--	4	7.14	2217	14	1.42	22.5	101
12:08	400	0.5	103.79	--	6	7.18	2183	13	1.66	23	95
12:12	400	0.5	103.79	--	8	7.23	2176	14	1.62	23.2	94.1
12:16	400	0.25	103.79	--	9	7.24	2164	13	1.62	23.2	92.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-42C-Q221	Sample Time:	12:17	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	13	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-42C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-43	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	125 to 134.8	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	103.64	Total Depth (ft-bmp)	136.04	Water Column (ft)	32.4	Gallons in Well	21.06
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	22.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:50	400	0.75	104.00	--	3	7.25	4032	29	2.09	20.3	96.9
12:54	400	0.75	104.00	--	6	7.15	4066	8	2.19	21.7	99.8
12:58	400	0.75	104.00	--	9	7.14	4073	5	2.21	21.9	99.7
13:02	400	0.75	104.00	--	12	7.13	4083	3	2.24	22.3	98.8
13:06	400	0.75	104.00	--	15	7.13	4086	3	2.23	22.3	98.5
13:10	400	0.75	104.00	--	18	7.13	4085	3	2.21	22.3	98.4
13:14	400	0.75	104.00	--	21	7.13	4088	3	2.23	22.4	98.2
13:18	400	0.25	104.00	--	22	7.13	4089	3	2.25	22.3	98.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-43-Q221	Sample Time:	13:19	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG



MW-43

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-44B	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107.7 to 117.7	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	110.6	Total Depth (ft-bmp)	119.91	Water Column (ft)	9.31	Gallons in Well	6.05
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.16	Did Well Dewater?	no				
Gallons Purged	7.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:46	500	0.5	110.72	--	2	7.26	808	5	1.33	22.8	37.9
10:50	500	0.5	110.79	--	4	7.32	785	5	1.34	24.7	29.6
10:54	500	0.25	110.65	--	5	7.36	817	3	1.33	25.2	26.8
10:58	500	0.25	110.65	--	6	7.37	816	3	1.32	25.9	26.3
11:02	500	0.25	110.65	--	7	7.37	804	3	1.32	26	25.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-44B-Q221	Sample Time:	11:03	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-44B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-45A	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94.8 to 104.8	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	101.43	Total Depth (ft-bmp)	106.29	Water Column (ft)	4.86
				Gallons in Well	3.16
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.58	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:07	0.25	101.45	--	1	6.91	657	113	2.36	21.2	118
08:11	0.25	101.45	--	2	7.23	649	53	1.92	24	108.8
08:15	0.25	101.45	--	3	7.31	642	16	1.8	24.4	105.6
08:19	0.25	101.45	--	4	7.34	641	15	1.76	24.5	103.1
08:23	0.25	101.45	--	5	7.34	642	15	1.72	24.6	102.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-45A-Q221	Sample Time:	08:24	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	15	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-45A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-45B	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110.3 to 120.3	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	101.24	Total Depth (ft-bmp)	122.03	Water Column (ft)	20.79
Well Casing Material	PVC	Gallons in Well	13.51		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.04	Did Well Dewater?	no		
Gallons Purged	14.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:53	0.5	103.53	--	2	7.25	725	5	0.85	22	98.6
08:57	0.5	103.53	--	4	7.23	719	5	0.82	22.9	101.1
09:01	0.5	103.53	--	6	7.27	715	7	0.76	24.1	95.2
09:05	0.5	103.69	--	8	7.29	723	6	0.78	24.3	92.9
09:09	0.5	103.75	--	10	7.3	725	5	0.8	24.3	91.2
09:13	0.5	103.75	--	12	7.31	727	5	0.79	24.4	90
09:17	0.5	103.75	--	14	7.32	725	5	0.77	24.5	89.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-45B-Q221	Sample Time:	09:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-45B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-46M	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	96 to 111	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	103.89	Total Depth (ft-bmp)	111.31	Water Column (ft)	7.42	Gallons in Well	4.82
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:57	500	0.25	103.89	--	0	7.37	1303	33	4.42	21.7	76.9
11:01	500	0.25	103.93	--	1	7.3	1317	1	4.33	20.3	68
11:05	500	0.25	103.93	--	2	7.24	1313	18	3.83	22	67.4
11:09	500	0.25	103.93	--	3	7.22	1318	17	3.66	23.5	68.9
11:13	500	0.25	103.93	--	4	7.2	1307	18	3.62	23.9	68.2
11:17	500	0.25	103.93	--	5	7.21	1311	18	3.69	24.3	65.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-46M-Q221	Sample Time:	11:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	18	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-46M



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-47	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93.3 to 103.3	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	92.41	Total Depth (ft-bmp)	104.21	Water Column (ft)	11.8
Well Casing Material	PVC				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.17	Did Well Dewater?	no		
Gallons Purged	9.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:36	0.5	94.56	--	2	7.56	759	5	1.38	22.8	5.9
13:40	0.5	94.56	--	4	7.5	758	5	1.39	22.7	7.5
13:44	0.25	94.56	--	6	7.41	756	5	1.38	23.4	17.4
13:48	0.5	94.56	--	8	7.36	759	5	1.37	23.9	21.8
13:52	0.25	94.56	--	9	7.36	760	5	1.36	24.4	21.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-47-Q221	Sample Time:	13:53	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-47



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-49A	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115.5 to 125.5	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	100.01	Total Depth (ft-bmp)	128.21	Water Column (ft)	28.2	Gallons in Well	18.33
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.09	Did Well Dewater?	no				
Gallons Purged	20.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:42	300	1	101.51	--	4	7.48	1383	13	6.74	21.2	163.3
12:46	300	1	101.51	--	8	7.16	1380	7	6.59	21.6	168.5
12:50	300	1	101.51	--	12	7.1	1377	5	6.63	21.3	170.1
12:54	300	1	101.51	--	16	7.09	1380	5	6.63	21.3	172.5
12:58	300	1	101.51	--	20	7.05	1384	5	6.66	21.5	175.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-49A-Q221	Sample Time:	13:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-49A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-49B	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	135.4 to 145.4	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	101.31	Total Depth (ft-bmp)	148.29	Water Column (ft)	46.98	Gallons in Well	30.54
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.02	Did Well Dewater?	no				
Gallons Purged	31.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:22	300	1	101.52	--	6	7.05	1576	4	3.2	21.3	179.4
13:27	300	1	101.52	--	11	6.99	1575	4	3.28	21.1	179.4
13:32	300	1	101.52	--	16	7	1570	4	3.28	21.2	178.4
13:37	300	1	101.52	--	21	6.98	1571	3	3.28	21.1	179.2
13:42	300	1	101.52	--	26	6.99	1570	3	3.26	21.2	179.3
13:47	300	1	101.52	--	31	7	1573	3	3.27	21.1	180.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

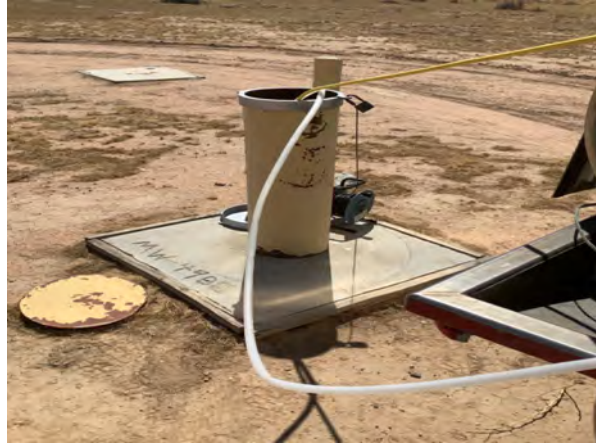
Sample ID:	MW-49B-Q221	Sample Time:	13:49	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-49B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-49S	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	95.41	Total Depth (ft-bmp)	102.35	Water Column (ft)	6.94	Gallons in Well	1.13
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	7.96	Did Well Dewater?	no				
Gallons Purged	9.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:15	300	0.25	96.02	--	1	7.36	995	1000	4.94	21.8	185.2
14:19	300	0.25	96.01	--	2	7.33	1585	1000	4.94	22.3	196.4
14:23	300	0.25	96.02	--	3	7.31	1587	943	5.03	22.6	194.5
14:27	300	0.25	96.02	--	4	7.34	1575	654	5.16	22.4	194.3
14:31	300	0.25	96.06	--	5	7.33	1620	311	5.23	21.3	195.3
14:35	300	0.25	96.06	--	6	7.29	1633	105	5.25	22	195.6
14:39	300	0.25	96.06	--	7	7.32	1634	39	5.24	21.2	184.5
14:43	300	0.25	96.02	--	8	7.29	1636	37	5.24	21.2	183.5
14:47	300	0.25	96.06	--	9	7.28	1645	36	5.26	21.2	182.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-49S-Q221</u>	Sample Time:	<u>14:49</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>MW-717-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>36</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-49S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-50B	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	151.6 to 161.6	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	104.61	Total Depth (ft-bmp)	162.1	Water Column (ft)	57.49	Gallons in Well	37.37
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.07	Did Well Dewater?	no				
Gallons Purged	40.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:35	500	2	104.61	--	0	7.93	941	20	2.83	21.2	21
10:39	500	2	104.90	--	8	7.78	927	14	1.42	21.3	12.9
10:43	500	2	104.90	--	16	7.72	925	10	2.05	21.1	11.7
10:47	500	2	104.90	--	24	7.68	924	9	1.52	21.6	10
10:51	500	2	104.90	--	32	7.65	923	8	1.43	21.9	7.2
10:55	500	2	104.90	--	40	7.61	927	9	1.33	23.2	4.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-50B-Q221	Sample Time:	10:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-50B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-50B	Date	6/3/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	151.6 to 161.6	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	106.95	Total Depth (ft-bmp)	164.55	Water Column (ft) 57.6
		Gallons in Well	37.44	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.07	Did Well Dewater?	no	
Gallons Purged	40.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:11	500	2	106.95	--	0	7.34	1020	29	2.37	22.5	74.2
09:15	500	2	107.10	--	8	7.33	1018	17	2.67	22.4	73.9
09:19	500	2	107.10	--	16	7.29	1020	8	3.02	22.5	77.8
09:23	500	2	107.10	--	24	7.28	1016	6	3.06	22.5	78.9
09:27	500	2	107.10	--	32	7.28	1014	5	3.09	22.5	80.1
09:31	500	2	107.10	--	40	7.28	1014	5	3.11	22.5	81.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-50B-RE-0621	Sample Time:	09:32	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

MW-50B

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-50S	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	85.92	Total Depth (ft-bmp)	93.41	Water Column (ft) 7.49
		Gallons in Well	1.22	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	4.10	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:09	500	0.25	85.92	--	0	7.41	1853	102	4.34	21.5	21.5
11:13	500	0.25	86.04	--	1	7.28	2089	58	4.28	21.2	29.5
11:17	500	0.25	86.04	--	2	7.21	2129	35	3.83	23.7	31.7
11:21	500	0.25	86.04	--	3	7.18	2127	19	3.97	25	37
11:25	500	0.25	86.04	--	4	7.17	2121	19	4	25	37.7
11:29	500	0.25	86.04	--	5	7.16	2120	18	3.97	25.2	38.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-50S-Q221	Sample Time:	11:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	18	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-50S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-51	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	111.5 to 121.5	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	99.34	Total Depth (ft-bmp)	123.84	Water Column (ft) 24.5
		Gallons in Well	15.92	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.10	Did Well Dewater?	no	
Gallons Purged	17.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:27	300	1	104.78	--	5	7.34	427	13	8.05	22.4	91
10:32	300	1	104.78	--	10	7.42	431	6	7.82	22.9	90.7
10:37	300	0.5	102.70	--	12.5	7.43	431	5	7.76	22.9	90.9
10:42	300	0.6	102.70	--	15	7.43	430	4	7.78	22.9	91.1
10:47	300	0.5	102.70	--	17.5	7.42	431	4	7.75	22.9	91.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-51-Q221	Sample Time:	10:49	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-747-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-51



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-52	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	117.6 to 127.6	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	101.94	Total Depth (ft-bmp)	127.1	Water Column (ft) 25.16
		Gallons in Well	16.35	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.22	Did Well Dewater?	no	
Gallons Purged	20.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:15	300	1	101.94	--	0	7.15	1093	23	1.01	18.3	122.3
09:19	300	1	103.10	--	4	7.08	1112	14	0.94	20.5	106.2
09:23	300	1	103.10	--	8	7.07	1108	8	1.01	21.1	98.2
09:27	300	1	103.10	--	12	7.07	1109	6	1.11	21.2	96.4
09:31	300	1	103.10	--	16	7.07	1115	5	1.14	21.3	95.5
09:35	300	1	103.10	--	20	7.07	1109	5	1.18	21.3	94.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-52-Q221	Sample Time:	09:36	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-52



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-55A	Date	4/9/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	155.02 to 165.02	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	97.64	Total Depth (ft-bmp)	166.09	Water Column (ft)	68.45
Well Casing Material	PVC				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	0.99	Did Well Dewater?	no		
Gallons Purged	44.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:50	1	101.64	--	4	8.25	1589	27	1.8	23	145.8
07:54	1	101.71	--	8	7.99	1728	22	2.08	23	124.3
07:58	1	101.73	--	12	7.92	1773	17	2.15	22.9	117.9
08:02	1	101.78	--	16	7.92	1677	14	2.09	22.9	112.1
08:06	1	101.80	--	20	7.93	1636	10	1.98	22.8	107.8
08:10	1	101.82	--	24	7.93	1636	9	2.05	22.8	104
08:14	1	101.86	--	28	7.91	1659	8	2.12	22.8	101.7
08:18	1	101.89	--	32	7.88	1668	8	2.16	22.8	99
08:22	1	101.90	--	36	7.89	1675	8	2.14	22.8	96.3
08:26	1	101.88	--	40	7.87	1685	8	2.1	22.8	94.2
08:30	1	101.90	--	44	7.86	1693	7	2.07	22.8	92.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-55A-Q221</u>	Sample Time:	<u>08:31</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>7</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-55A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-55C	Date	4/9/2021								
Site Location	Hinkley	Sampled by	Nara Tep								
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	241.5 to 256.5	Casing Diameter (in.)	4	Well Casing Material	PVC				
Static Water Level (ft-bmp)	88.46	Total Depth (ft-bmp)	256.18	Water Column (ft)	167.72	Gallons in Well	109.01				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment	Grundfos RF2						
Well Volumes Purged	1.10	Did Well Dewater?	no								
Gallons Purged	120.00										

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:20	300	1.5	88.46	--	0	7.96	665	6	0.3	21.1	-124.9
08:30	300	1.5	90.11	--	15	7.84	672	5	0.22	21.6	-135.9
08:40	300	1.5	90.21	--	30	7.84	663	4	0.19	22	-140.1
08:50	300	1.5	90.30	--	45	7.84	659	4	0.18	22.1	-144.9
09:00	300	1.5	90.30	--	60	7.87	657	3	0.17	22.2	-147.8
09:10	300	1.5	90.30	--	75	7.88	656	3	0.16	22.4	-146.8
09:20	300	1.5	90.30	--	90	7.88	655	3	0.18	22.3	-148.2
09:30	300	1.5	90.30	--	105	7.89	656	2	0.17	22.4	-149.2
09:40	300	1.5	90.30	--	120	7.89	656	2	0.17	22.4	-149.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-55C-Q221</u>	Sample Time:	<u>09:41</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-723-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>2</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-55C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-55S	Date	4/9/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	82.84	Total Depth (ft-bmp)	104	Water Column (ft)	21.16
				Gallons in Well	3.44
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.74	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:54	0.25	83.11	--	1	6.89	4897	137	5.59	21.8	106.4
08:58	0.25	83.13	--	2	6.9	4900	60	5.52	22.2	107.1
09:02	0.25	83.13	--	3	6.89	4903	34	5.44	22.4	108.6
09:06	0.25	83.14	--	4	6.89	4899	29	5.56	22.7	111
09:10	0.25	83.13	--	5	6.89	4903	31	5.59	22.7	112.7
09:14	0.25	83.14	--	6	6.89	4906	28	5.6	22.8	113.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-55S-Q221	Sample Time:	09:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	28	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-55S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-56	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	150.01 to 160.01	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	105.95	Total Depth (ft-bmp)	160.51	Water Column (ft)	54.56	Gallons in Well	35.46
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.02	Did Well Dewater?	no				
Gallons Purged	36.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:50	500	2	105.95	--	0	7.39	1340	5	3.77	22.5	33.5
12:54	500	2	106.22	--	8	7.3	1342	3	3.66	22.9	38.9
12:58	500	2	106.22	--	16	7.26	1350	2	3.67	22.9	39
13:02	500	2	106.22	--	24	7.26	1340	2	3.68	22.9	39.1
13:06	500	2	106.22	--	32	7.26	1343	2	3.69	22.8	39.3
13:08	500	2	106.22	--	36	7.25	1343	2	3.69	22.9	39.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-56-Q221	Sample Time:	13:09	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-56



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-57	Date	4/8/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	89 to 99	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	83.13	Total Depth (ft-bmp)	101.51	Water Column (ft)	18.38	Gallons in Well	11.95
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.00	Did Well Dewater?	no				
Gallons Purged	12.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:42	300	0.5	85.00	--	2	7.76	540	1	5.28	22.9	121.6
10:46	300	0.5	85.00	--	4	7.75	549	1	5.16	23.7	124.6
10:50	300	0.5	85.00	--	6	7.71	542	1	5.02	24	128
10:54	300	0.5	85.00	--	8	7.66	546	1	5.03	23.9	131.4
10:58	300	0.5	85.00	--	10	7.67	549	1	4.96	24.1	131.5
11:02	300	0.5	58.00	--	12	7.68	550	1	5.01	24	131.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-57-Q221	Sample Time:	11:04	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	0	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-57



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-57D	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	104 to 114	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	80.59	Total Depth (ft-bmp)	114.1	Water Column (ft) 33.51
		Gallons in Well	8.51	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.06	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:08	300	0.5	81.52	--	1.5	8.04	534	122	4.62	21.5	133.5
10:11	300	0.5	81.52	--	3	7.85	554	30	4.71	23	132.4
10:14	300	0.5	81.52	--	4.5	7.69	564	14	4.72	23.2	132.5
10:17	300	0.5	81.52	--	6	7.73	567	9	4.66	23.4	130.5
10:20	300	0.5	81.53	--	7.5	7.77	569	9	4.66	23.4	131.5
10:23	300	0.5	81.53	--	9	7.76	569	8	4.74	23.5	132.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-57D-Q221	Sample Time:	10:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-57D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-58	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 105	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	90.78	Total Depth (ft-bmp)	104.72	Water Column (ft)	13.94	Gallons in Well	9.06
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.10	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:53	500	0.5	91.28	--	2	7.25	645	10	1.42	21.6	39.7
09:57	500	0.5	91.28	--	4	7.3	653	8	1.43	22.6	28.2
10:01	500	0.5	91.28	--	6	7.31	653	7	1.42	22.7	27.8
10:05	500	0.5	91.28	--	8	7.31	651	7	1.43	22.7	26.9
10:09	500	0.5	91.28	--	10	7.31	648	7	1.42	22.7	27.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-58-Q221	Sample Time:	10:10	Field Filtered?	yes
Duplicate ID:	MW-923-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-58



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-62A	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	129 to 139	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	102.01	Total Depth (ft-bmp)	140.41	Water Column (ft) 38.4
		Gallons in Well	24.96	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.20	Did Well Dewater?	no	
Gallons Purged	30.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:59	300	1.5	102.01	--	0	7.01	3688	21	2.89	20.2	129.7
11:03	300	1.5	102.50	--	6	6.93	3702	13	3.01	21.1	123.9
11:07	300	1.5	102.50	--	12	6.91	3724	8	3.09	21.7	119.8
11:11	300	1.5	102.50	--	18	6.9	3740	6	3.16	21.6	118.3
11:15	300	1.5	102.50	--	24	6.9	3748	5	3.15	21.6	117.3
11:19	300	1.5	102.50	--	30	6.9	3758	5	3.16	21.7	117.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-62A-Q221	Sample Time:	11:20	Field Filtered?	yes
Duplicate ID:	MW-924-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-62A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-62C	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	169 to 174	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	93.19	Total Depth (ft-bmp)	173.42	Water Column (ft)	80.23	Gallons in Well	13.04
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.07	Did Well Dewater?	no				
Gallons Purged	14.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:02	400	0.5	95.71	--	2	7.1	2303	13	2.9	21	86.9
08:06	400	0.5	96.23	--	4	7.16	2339	48	1.53	21.9	-91.7
08:10	400	0.5	96.23	--	6	7.35	2387	10	1.49	22.4	-75.5
08:14	400	0.5	96.23	--	8	7.39	2394	5	1.42	22.7	-64.3
08:18	400	0.5	96.23	--	10	7.4	2394	3	1.39	22.8	-60.8
08:22	400	0.5	96.23	--	12	7.41	2409	3	1.33	23.2	-57.3
08:26	400	0.5	96.23	--	14	7.41	2407	3	1.29	23.2	-57.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-62C-Q221	Sample Time:	08:27	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-62C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-63	Date	4/15/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 90	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	90.07	Total Depth (ft-bmp)	92.9	Water Column (ft)	2.83
				Gallons in Well	1.84
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-63



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-66A	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	96 to 106	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	94	Total Depth (ft-bmp)	108.09	Water Column (ft)	14.09
				Gallons in Well	9.16
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.09	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:49	0.5	94.79	--	2	7.24	1262	13	0.9	22.1	97.3
09:53	0.5	94.79	--	4	7.24	1266	6	0.96	23.3	92.9
09:57	0.5	94.79	--	6	7.27	1268	3	1	23.6	88.5
10:01	0.5	94.79	--	8	7.27	1269	3	1.01	23.6	88
10:05	0.5	94.79	--	10	7.2	1268	3	1.01	23.7	87.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-66A-Q221	Sample Time:	10:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-66A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-67A	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	97 to 107	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	109.37	Total Depth (ft-bmp)	109.37	Water Column (ft)	0
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-67A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-67B	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	114 to 124	Casing Diameter (in.)	2
		Well Casing Material	PVC		
Static Water Level (ft-bmp)	110.64	Total Depth (ft-bmp)	126.58	Water Column (ft)	15.94
		Gallons in Well	2.59		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.93	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:04	0.25	112.21	--	1	7.86	435	19	3.57	23	50.7
14:08	0.25	112.23	--	2	7.82	437	13	3.2	23.2	19.7
14:12	0.25	112.22	--	3	7.76	436	10	3.1	24.4	2.6
14:16	0.25	112.23	--	4	7.77	437	8	3.16	24.3	5.8
14:20	0.25	112.23	--	5	7.78	437	6	3.12	24.3	3.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-67B-Q221	Sample Time:	14:21	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-704-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-67B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-68C	Date	4/9/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	188 to 198	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	92.33	Total Depth (ft-bmp)	197.98	Water Column (ft)	105.65	Gallons in Well	68.67
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.02	Did Well Dewater?	no				
Gallons Purged	70.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:52	300	2	105.61	--	10	7.61	1155	22	0.38	22.4	31.5
08:57	300	2	107.30	--	20	7.64	1165	10	0.19	22.5	7.4
09:02	300	2	110.50	--	30	7.59	1169	5	0.15	22.7	2.4
09:07	300	2	112.61	--	40	7.58	1169	5	0.16	22.7	-4.4
09:12	300	2	116.02	--	50	7.69	1166	5	0.11	23	-3.4
09:17	300	2	116.02	--	60	7.63	1174	5	0.15	23	-5.6
09:22	300	2	116.02	--	70	7.65	1182	5	0.11	23	-6.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

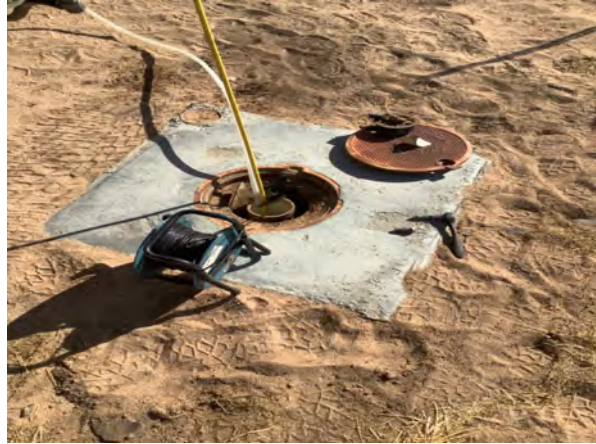
Sample ID:	MW-68C-Q221	Sample Time:	09:24	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-68C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-68D	Date	4/9/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	136 to 156	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	100.33	Total Depth (ft-bmp)	153.11	Water Column (ft) 52.78
		Gallons in Well	8.58	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.05	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:35	300	0.5	101.81	--	1.5	7.52	4683	124	4.43	20.5	96.5
07:38	300	0.5	101.81	--	3	7.23	4828	74	4.86	21.3	119.5
07:41	300	0.5	101.81	--	4.5	7.06	4826	39	4.71	21.5	128.4
07:44	300	0.5	101.81	--	6	6.95	4860	18	4.98	21.5	138.5
07:47	300	0.5	101.81	--	7.5	6.93	4838	17	4.93	21.5	136.7
07:50	300	0.5	101.81	--	9	6.92	4870	17	5.03	21.6	140.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-68D-Q221	Sample Time:	07:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	17	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-68D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-68S	Date	4/9/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91 to 111	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	88.11	Total Depth (ft-bmp)	110.83	Water Column (ft)	22.72	Gallons in Well	3.69
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.36	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:12	300	0.25	89.02	--	1	6.88	4919	48	2.41	21.6	143.5
08:16	300	0.25	89.01	--	2	6.84	4984	17	2.37	22	146.8
08:20	300	0.25	89.02	--	3	6.84	5072	7	2.95	22.7	155.2
08:24	300	0.25	89.02	--	4	6.8	5100	7	3	22.9	157.2
08:28	300	0.25	89.02	--	5	6.83	5107	7	3.06	23	153.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-68S-Q221	Sample Time:	08:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-68S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-69D	Date	4/14/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	122 to 137	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	90.51	Total Depth (ft-bmp)	136.26	Water Column (ft) 45.75
		Gallons in Well	7.43	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.35	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:05	300	0.5	90.51	--	0	6.82	5101	57	1.1	20.5	124.9
13:09	300	0.5	90.90	--	2	6.71	5106	29	1.25	23.2	115.4
13:13	300	0.5	90.90	--	4	6.65	5136	17	1.29	23.3	116.1
13:17	300	0.5	90.90	--	6	6.64	5199	9	1.39	23.2	117.4
13:21	300	0.5	90.90	--	8	6.64	5216	8	1.41	23.2	118.5
13:25	300	0.5	90.90	--	10	6.64	5234	8	1.43	23.2	118.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-69D-Q221	Sample Time:	13:26	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-69D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-69S	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Nara Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94 to 114	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	85.05	Total Depth (ft-bmp)	113.52	Water Column (ft)	28.47	Gallons in Well	4.63
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:45	300	0.25	85.08	--	0	6.7	6587	57	1.51	20.7	130.8
13:49	300	0.25	89.40	--	1	6.65	6624	30	0.92	23.3	119.8
13:53	300	0.25	93.90	--	2	6.64	6634	21	0.97	23.5	118.6
13:57	300	0.25	94.01	--	3	6.64	6669	10	0.98	23.5	118.7
14:01	300	0.25	94.01	--	4	6.65	6674	9	0.96	23.5	117.5
14:05	300	0.25	94.01	--	5	6.65	6675	9	0.95	23.6	116.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-69S-Q221	Sample Time:	14:06	Field Filtered?	yes
Duplicate ID:	MW-925-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	EB-734-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-69S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-70D	Date	4/9/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	150 to 165	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	92.17	Total Depth (ft-bmp)	161.09	Water Column (ft)	68.92	Gallons in Well	11.2
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.07	Did Well Dewater?	no				
Gallons Purged	12.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:49	300	0.5	97.11	--	2	7.52	1463	95	1.28	21.7	120.4
09:53	300	0.5	97.11	--	4	7.44	1474	54	1.22	21.9	119.4
09:57	300	0.5	97.11	--	6	7.41	1502	22	1.19	21.9	120.6
10:01	300	8	97.11	--	8	7.36	1666	9	1.15	22.2	121.4
10:05	300	0.5	97.11	--	10	7.35	1684	9	1.15	22.2	121.3
10:09	300	0.5	97.11	--	12	7.32	1699	9	1.17	22.2	124.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-70D-Q221	Sample Time:	10:11	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-70D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-70S	Date	4/9/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 115	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	82.91	Total Depth (ft-bmp)	113.22	Water Column (ft)	30.31	Gallons in Well	4.93
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.01	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:22	300	0.25	83.43	--	1	6.9	5823	104	1.14	20.3	119.5
10:26	300	0.25	83.43	--	2	6.78	6006	30	2.39	21.9	132.2
10:30	300	0.25	83.43	--	3	6.76	6039	7	2.58	22	140.5
10:34	300	0.25	83.43	--	4	6.76	6053	7	2.56	22	141.4
10:38	300	0.25	83.43	--	5	6.74	6060	7	2.61	22.1	143.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-70S-Q221	Sample Time:	10:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	MW-721-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-70S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-71D	Date	4/9/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	159 to 179	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	92.26	Total Depth (ft-bmp)	180	Water Column (ft) 87.74
Well Casing Material	PVC			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	0.98	Did Well Dewater?	no	
Gallons Purged	14.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:24	500	0.5	92.26	--	0	7.96	543	125	0.42	20.6	21.7
09:28	500	0.5	92.43	--	2	7.9	548	108	0.28	20.6	14.9
09:32	500	0.5	92.43	--	4	7.9	550	67	0.13	22.1	1
09:36	500	0.5	92.43	--	6	7.92	541	59	0.1	22.4	-5.8
09:40	500	0.5	92.43	--	8	7.94	539	35	0.08	22.6	-14.8
09:44	500	0.5	92.43	--	10	7.96	535	30	0.07	22.7	-21.8
09:48	500	0.5	92.43	--	12	7.98	531	29	0.06	22.8	-27.5
09:52	500	0.5	92.43	--	14	7.99	529	29	0.06	22.8	-31.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-71D-Q221</u>	Sample Time:	<u>09:53</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>29</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-71D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID MW-71S Date 4/9/2021

Site Location	Hinkley	Sampled by		Riggie Tep			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	85.89	Total Depth (ft-bmp)	98.42	Water Column (ft)	12.53	Gallons in Well	2.04
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	2.94	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:03	500	0.25	85.89	--	0	7.25	5861	211	5.27	20.3	57.1
10:07	500	0.25	85.95	--	1	6.94	6122	95	4.95	21.7	53.3
10:11	500	0.25	85.95	--	2	6.85	6187	64	4.75	23	57
10:15	500	0.25	85.95	--	3	6.82	6225	53	4.8	23.5	58.3
10:19	500	0.25	85.95	--	4	6.81	6246	42	4.88	23.5	57.3
10:23	500	0.25	85.95	--	5	6.8	6272	39	4.89	23.6	56.6
10:27	500	0.25	85.95	--	6	6.79	6288	39	4.95	23.7	55.3

Comments: --

Well Casing Volume Conversion

 Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

 ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

 mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

 mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-71S-Q221</u>	Sample Time:	<u>10:29</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-719-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>2</u>	Without Filter Turbidity:	<u>39</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-71S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-72S	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	84.52	Total Depth (ft-bmp)	99.24	Water Column (ft)	14.72	Gallons in Well	2.39
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	2.09	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:26	500	0.25	84.52	--	0	7.61	1903	166	4.52	21.4	17.7
09:30	500	0.25	84.62	--	1	7.51	1902	46	4.59	22.4	22.8
09:34	500	0.25	84.62	--	2	7.41	1910	17	4.67	24.1	31.5
09:38	500	0.25	84.62	--	3	7.37	2194	14	4.69	24.2	34.3
09:42	500	0.25	84.62	--	4	7.34	2206	14	4.66	24.3	36.2
09:46	500	0.25	84.62	--	5	7.3	2215	14	4.66	24.3	38

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-72S-Q221	Sample Time:	09:47	Field Filtered?	yes
Duplicate ID:	MW-926-Q221	Analytes and Methods:	EPA 200.8 Uranium, EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	14	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PHOTO LOG

MW-72S

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-73D	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 135	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	103.5	Total Depth (ft-bmp)	134.17	Water Column (ft) 30.67
		Gallons in Well	4.98	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.01	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:57	300	0.5	103.50	--	0	7.52	548	203	5.25	21.9	106.8
10:01	300	0.5	104.10	--	2	7.46	552	37	5.22	23.5	95.9
10:05	300	0.5	104.10	--	4	7.46	551	15	5.19	23.8	93.7
10:09	300	0.5	104.10	--	6	7.45	552	9	5.17	23.9	92.9
10:13	300	0.5	104.10	--	8	7.45	552	8	5.2	23.9	92.5
10:17	300	0.5	104.10	--	10	7.45	552	8	5.21	23.9	92.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-73D-Q221	Sample Time:	10:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-73D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-73S	Date	4/16/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 110	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	103.71	Total Depth (ft-bmp)	109.68	Water Column (ft)	5.97
				Gallons in Well	0.97
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	1.63	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:31	300	103.71	0	--	7.6	558	35	0.39	22.3	112.2
10:35	300	103.80	1200	--	7.51	553	20	5.12	22.2	112.9
10:39	300	103.80	2400	--	7.51	553	12	4.98	22.3	111.8
10:43	300	103.80	3600	--	7.51	552	9	4.95	22.3	110.8
10:47	300	103.80	4800	--	7.51	553	8	4.92	22.3	110.5
10:51	300	103.80	6000	--	7.51	553	8	4.91	22.3	110.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-73S-Q221	Sample Time:	10:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-744-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-73S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-74D	Date	6/4/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 130	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	111.51	Total Depth (ft-bmp)	128.3	Water Column (ft) 16.79
		Gallons in Well	2.73	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	3.66	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:57	500	0.5	111.51	--	0	7.64	640	45	2.45	22.9	41.9
09:01	500	0.5	111.65	--	2	7.42	636	21	2.23	23.7	45.7
09:05	500	0.5	111.65	--	4	7.36	639	12	2.03	23.9	46.9
09:09	500	0.5	111.65	--	6	7.36	638	7	2.07	23.9	47.9
09:13	500	0.5	111.65	--	8	7.36	637	6	2.09	23.9	47.8
09:17	500	0.5	111.65	--	10	7.36	638	6	2.11	23.9	49.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-74D-RE-0621	Sample Time:	09:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-788-0621	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-74D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-74D	Date	4/16/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 130	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	111.87	Total Depth (ft-bmp)	127.52	Water Column (ft)	15.65
				Gallons in Well	2.54
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.97	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:20	0.25	112.63	--	1	7.76	640	17	1.66	24.3	5.6
10:24	0.25	112.63	--	2	7.73	642	9	1.65	24.6	-3.7
10:28	0.25	112.64	--	3	7.73	643	7	1.63	24.8	-4.8
10:32	0.25	112.65	--	4	7.72	643	6	1.68	25.3	-6.7
10:36	0.25	112.65	--	5	7.71	644	6	1.65	25.4	-6.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-74D-Q221	Sample Time:	10:37	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-746-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-74D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-74D2	Date	4/16/2021				
Site Location	Hinkley	Sampled by	Brian Martinez				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	134 to 144	Casing Diameter (in.)	2.5	Well Casing Material	PVC
Static Water Level (ft-bmp)	110.97	Total Depth (ft-bmp)	143.75	Water Column (ft)	32.78	Gallons in Well	8.32
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.20	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:44	0.6	112.02	--	2	7.89	413	7	0.28	21.3	-0.6
09:48	0.5	112.02	--	4	7.82	414	5	0.2	22.7	-7.8
09:52	0.5	112.03	--	6	7.81	415	4	0.24	23.7	-15
09:56	0.5	112.03	--	8	7.79	416	5	0.27	23.8	-14.5
10:00	0.5	112.04	--	10	7.78	416	4	0.31	23.8	-10.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-74D2-Q221	Sample Time:	10:01	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-74D2



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-75D	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 125	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	107.41	Total Depth (ft-bmp)	122.1	Water Column (ft)	14.69
				Gallons in Well	2.39
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.66	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:13	300	107.41	0	--	7.49	789	67	4.26	22.6	33.9
09:17	300	107.50	1200	--	7.47	789	41	4.26	22.6	29.8
09:21	300	107.50	2400	--	7.45	788	32	4.15	22.6	21.7
09:25	300	107.50	3600	--	7.43	787	26	4.11	22.6	16.3
09:29	300	107.50	4800	--	7.43	785	25	4.09	22.6	14.5
09:33	300	107.50	6000	--	7.42	786	25	4.06	22.6	14.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-75D-Q221	Sample Time:	09:34	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	25	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-75D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-76S	Date	4/7/2021
Site Location	Hinkley	Sampled by	Josh Alessi
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 110
		Casing Diameter (in.)	2
		Well Casing Material	PVC
Static Water Level (ft-bmp)	105.69	Total Depth (ft-bmp)	109.73
		Water Column (ft)	4.04
		Gallons in Well	0.66
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow
		Purging Equipment	Bladder Pump
Well Volumes Purged	3.84	Did Well Dewater?	no
Gallons Purged	2.54		

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:26	400	105.72	1600	--	7.54	708	558	1.46	25.9	17.8
14:30	400	105.72	3200	--	7.48	701	106	1.43	24.9	23
14:34	400	105.72	4800	--	7.48	705	56	1.39	24.8	25.1
14:38	400	105.72	6400	--	7.48	701	51	1.34	24.8	26.7
14:42	400	105.72	8000	--	7.47	702	49	1.34	24.8	27.8
14:46	400	105.72	9600	--	7.47	700	48	1.31	24.7	27.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-76S-Q221	Sample Time:	14:47	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-712-Q221	Trip Blank ID:	--
Single Filter Turbidity:	7	Without Filter Turbidity:	48	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

MW-76S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-78S	Date	4/21/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	88.41	Total Depth (ft-bmp)	103.66	Water Column (ft) 15.25
		Gallons in Well	2.48	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	4.03	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:35	300	0.5	88.41	--	0	7.3	498	207	4.61	22.6	98.6
12:39	300	0.5	88.80	--	2	7.33	499	89	4.98	23.1	96.1
12:43	300	0.5	88.80	--	4	7.35	491	24	4.92	23.1	95.1
12:47	300	0.5	88.80	--	6	7.37	482	8	4.89	23.1	93.2
12:51	300	0.5	88.80	--	8	7.37	480	7	4.85	23.1	92.7
12:55	300	0.5	88.80	--	10	7.38	480	7	4.84	23.1	92.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-78S-Q221	Sample Time:	12:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-755-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-78S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-79S	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 120	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	83.11	Total Depth (ft-bmp)	118.02	Water Column (ft)	34.91	Gallons in Well	5.67
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.01	Did Well Dewater?	no				
Gallons Purged	5.75						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:07	300	0.25	85.00	--	1.25	6.86	2068	267	5	22.5	93
08:12	300	0.25	82.00	--	2.5	6.92	2072	49	5.07	23.1	90.9
08:17	300	0.25	82.00	--	3.75	6.92	2072	19	5.03	23.2	90
08:21	300	0.25	82.00	--	4.75	6.94	2072	20	5.04	23.2	90
08:25	300	0.25	82.00	--	5.75	6.94	2072	18	5.05	23.2	89.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-79S-Q221	Sample Time:	08:27	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	18	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-79S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-80S	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	82.81	Total Depth (ft-bmp)	99.59	Water Column (ft)	16.78	Gallons in Well	2.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.83	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:51	300	0.25	85.91	--	1	6.9	1927	290	0.98	21.8	92.9
08:55	300	0.25	85.91	--	2	6.95	1908	88	1.84	22.4	92.9
08:59	300	0.25	95.93	--	3	7.03	1912	24	2.32	23.8	93.3
09:03	300	0.25	85.93	--	4	7.02	1924	23	2.32	23.9	93.4
09:07	300	0.25	85.99	--	5	7.02	1929	22	2.28	23.9	93.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-80S-Q221	Sample Time:	09:09	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-80S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-83D	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	105 to 120	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	88.64	Total Depth (ft-bmp)	119.05	Water Column (ft)	30.41	Gallons in Well	4.94
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.21	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:59	400	0.25	88.85	--	1	7.02	5678	833	2.14	20.6	12.6
09:03	400	0.25	88.85	--	2	6.98	5638	74	2.07	22.7	12
09:07	400	0.25	88.85	--	3	6.99	5694	13	2.07	22.8	11.2
09:11	400	0.25	88.85	--	4	6.99	5718	13	2.02	23.3	12.7
09:15	400	0.25	88.85	--	5	6.99	5730	12	2.01	23.4	13.1
09:19	400	0.25	88.85	--	6	6.99	5734	12	2.02	23.4	13.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-83D-Q221	Sample Time:	09:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	12	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-83D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-83S	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	87 to 97	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	88.72	Total Depth (ft-bmp)	97.09	Water Column (ft)	8.37	Gallons in Well	1.36
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	3.68	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:40	400	0.25	89.91	--	1	7.05	5447	75	2.12	20.3	24.6
09:44	400	0.25	90.19	--	2	7.02	5454	51	2.08	21.1	24.4
09:48	400	0.25	90.46	--	3	7.02	5458	24	2.01	22.8	23.1
09:52	400	0.25	90.68	--	4	7.01	5461	23	1.99	22.9	22.8
09:56	400	0.25	90.68	--	5	7.01	5461	23	1.97	22.9	22.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-83S-Q221	Sample Time:	09:57	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	3	Without Filter Turbidity:	23	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-83S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID MW-83S Date 6/3/2021

Site Location Hinkley Sampled by Nara Tep

Measuring Point Description Top of Casing Screen Depth Interval (ft-bmp) 87 to 97 Casing Diameter (in.) 2 Well Casing Material PVC

Static Water Level (ft-bmp) 88.75 Total Depth (ft-bmp) 97.41 Water Column (ft) 8.66 Gallons in Well 1.41

Water Quality Meter Make/Model Hach 2100Q, YSI Pro Plus Purge Method Volumetric Purging Equipment Grundfos RF2

Well Volumes Purged 4.26 Did Well Dewater? no

Gallons Purged 6.00

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:59	500	0.2	88.75	--	0	7.07	4619	78	4.76	23.3	88.9
08:04	500	0.2	88.90	--	1	7.03	4647	43	4.45	23.8	86.7
08:09	500	0.2	88.90	--	2	7.01	4651	30	4.29	24.1	84.2
08:14	500	0.2	88.90	--	3	7.04	4664	23	4.35	24.2	81.2
08:19	500	0.2	88.90	--	4	7.03	4670	21	4.41	24.3	81.3
08:24	500	0.2	88.90	--	5	7.03	4672	20	4.48	24.2	83.1
08:29	500	0.2	88.90	--	6	7.03	4674	20	4.48	24.3	84.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-83S-RE-0621</u>	Sample Time:	<u>08:30</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>2</u>	Without Filter Turbidity:	<u>20</u>	Double Filter Turbidity:	<u>1</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-83S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID MW-84D Date 4/9/2021

Site Location	Hinkley	Sampled by		Josh Alessi			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	150 to 165	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	84.52	Total Depth (ft-bmp)	164.12	Water Column (ft)	79.6	Gallons in Well	12.93
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	14.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:33	400	0.5	91.51	--	2	7.21	1700	223	2.18	21.2	56.9
07:37	400	0.5	91.51	--	4	7.3	1733	156	1.29	21.4	54.6
07:41	400	0.5	91.51	--	6	7.4	1791	81	1.06	22	49.8
07:45	400	0.5	91.51	--	8	7.51	1793	52	0.99	22	49.6
07:49	400	0.5	91.51	--	10	7.51	1789	29	0.95	22	49.4
07:53	400	0.5	91.51	--	12	7.52	1789	29	0.92	22.1	49.1
07:57	400	0.5	91.51	--	14	7.52	1786	28	0.9	22.3	48.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-84D-Q221</u>	Sample Time:	<u>07:58</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>28</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-84D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-84S	Date	4/9/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 128	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	81.31	Total Depth (ft-bmp)	126.79	Water Column (ft)	45.48	Gallons in Well	7.39
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.22	Did Well Dewater?	no				
Gallons Purged	9.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:13	400	0.5	82.21	--	2	7.17	5628	94	3.98	21.8	62
08:17	400	0.5	82.22	--	4	7.15	5717	20	3.6	23	62.4
08:21	400	0.5	82.22	--	6	7.15	5767	14	3.61	23	62.3
08:25	400	0.5	82.22	--	8	7.14	5809	13	3.62	23.1	60.7
08:29	400	0.25	82.22	--	9	7.14	5822	13	3.59	23.2	59.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-84S-Q221	Sample Time:	08:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	13	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-84S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID MW-85D Date 4/9/2021

Site Location	Hinkley	Sampled by		Josh Alessi			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	150 to 165	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	87.61	Total Depth (ft-bmp)	162.97	Water Column (ft)	75.36	Gallons in Well	12.25
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	1.06	Did Well Dewater?	no				
Gallons Purged	13.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:03	400	0.5	90.93	--	2	7.44	443.8	114	2.11	20.7	-48
09:07	400	0.5	92.41	--	4	7.42	440.7	81	2.12	21	-55.1
09:11	400	0.5	93.58	--	6	7.44	439.8	55	1.8	22	-68.8
09:15	400	0.5	94.22	--	8	7.49	437.8	47	1.73	22.5	-78
09:19	400	0.5	94.59	--	10	7.51	435.3	46	1.82	22.4	-81
09:23	400	0.5	94.73	--	12	7.52	434.7	45	1.77	22.4	-83
09:27	400	0.25	94.73	--	13	7.53	433.9	45	1.7	22.5	-84.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-85D-Q221</u>	Sample Time:	<u>09:28</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 200.8 (Uranium),EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 900.0 (Radioactivity),SM 2540 C (TDS),SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>9</u>	Without Filter Turbidity:	<u>45</u>	Double Filter Turbidity:	<u>2</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-85D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-85S	Date	4/9/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 120	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	80.59	Total Depth (ft-bmp)	117.68	Water Column (ft)	37.09	Gallons in Well	6.03
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.33	Did Well Dewater?	no				
Gallons Purged	8.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:44	400	0.5	84.63	--	2	7.08	8971	1000	3.98	21.5	19.2
09:48	400	4	85.06	--	4	7.03	8966	148	3.38	22.6	19.7
09:52	400	0.5	85.06	--	6	7.04	9384	22	3.69	23	19.7
09:56	400	0.25	85.01	--	7	7.04	9416	21	3.69	23.1	21.5
10:00	400	0.25	85.01	--	8	7.04	9394	20	3.68	23.2	23.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-85S-Q221	Sample Time:	10:01	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-85S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-86D	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	136 to 156	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	95.14	Total Depth (ft-bmp)	155.12	Water Column (ft)	59.98	Gallons in Well	9.75
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.03	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:45	300	0.5	95.60	--	2	7.43	662	30	1.11	21.8	91.1
10:49	300	0.5	95.60	--	4	7.49	639	21	0.99	22.8	90.3
10:53	300	0.5	95.60	--	6	7.47	678	7	0.8	23.1	89.7
10:57	300	0.5	95.60	--	8	7.46	685	7	0.8	23.1	89.9
11:01	300	0.5	95.60	--	10	7.45	686	7	0.82	23.1	90

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-86D-Q221	Sample Time:	11:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-86D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-86S	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	87.02	Total Depth (ft-bmp)	93.88	Water Column (ft)	6.86	Gallons in Well	1.11
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	1.71	Did Well Dewater?	no				
Gallons Purged	1.90						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:43	300	88.88	1200	--	6.95	1926	582	4.2	21.8	93.7
09:47	300	88.88	2400	--	6.95	1923	201	4.3	22	93.7
09:51	300	88.88	3600	--	6.95	1921	99	4.43	22.2	93.7
09:55	300	88.88	4800	--	6.97	1918	35	4.53	22.2	93.7
09:59	300	88.88	6000	--	6.97	1915	33	4.63	22.1	93.7
10:03	300	88.88	7200	--	6.97	1915	33	4.7	22	93.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-86S-Q221	Sample Time:	10:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	33	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-86S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-87D	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	135 to 155	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	94.22	Total Depth (ft-bmp)	153.25	Water Column (ft)	59.03	Gallons in Well	9.59
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:21	300	0.5	94.23	--	2	7.19	908	13	3.06	23.1	95.7
12:25	300	0.5	94.23	--	4	7.17	908	10	2.98	23.1	96
12:29	300	0.5	94.23	--	6	7.17	906	6	3.04	23.2	96
12:33	300	0.5	94.23	--	8	7.17	911	6	3.01	25.2	96.5
12:37	300	0.5	94.23	--	10	7.17	910	6	3.02	23.2	96.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-87D-Q221	Sample Time:	12:39	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-87D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-87S	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	82.31	Total Depth (ft-bmp)	95.01	Water Column (ft)	12.7	Gallons in Well	2.06
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	2.43	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:45	300	0.25	84.75	--	1	8.4	1777	74	1.6	23.3	91.4
11:49	300	0.25	84.75	--	2	8.03	1818	29	2.05	23.5	91.5
11:53	300	0.25	84.75	--	3	7.45	1863	11	2.63	23.7	91.9
11:57	300	0.25	84.75	--	4	7.42	1886	10	2.73	23.8	92.3
12:01	300	0.25	84.75	--	5	7.37	1894	10	2.77	23.9	92.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-87S-Q221	Sample Time:	00:43	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-87S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	MW-88D	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	145 to 160	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	99	Total Depth (ft-bmp)	158.81	Water Column (ft)	59.81	Gallons in Well	9.72
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.03	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:50	300	0.5	100.63	--	2	7.11	821	33	2.87	22.2	96.5
13:54	300	0.5	100.63	--	4	7.25	835	19	1.91	23	97.1
13:58	300	0.5	100.65	--	6	7.24	815	27	1.88	22.8	96.4
14:02	300	0.5	100.65	--	8	7.23	824	25	1.68	22.9	95.7
14:06	300	0.5	100.65	--	10	7.23	826	25	1.68	22.9	95.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-88D-Q221	Sample Time:	14:08	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	MW-742-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	25	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-88D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-88S	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	75 to 90	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	85.8	Total Depth (ft-bmp)	89.69	Water Column (ft)	3.89	Gallons in Well	0.63
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	3.02	Did Well Dewater?	no				
Gallons Purged	1.90						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:13	300	86.40	1200	--	6.83	1841	564	1.11	21.4	99.7
13:17	300	86.40	2400	--	6.82	1826	251	1.27	21.3	99.9
13:21	300	86.40	3600	--	6.82	1824	101	1.25	21.3	99.8
13:25	300	86.40	4800	--	6.82	1823	46	1.27	21.3	99.9
13:29	300	86.40	6000	--	6.82	1822	43	1.3	21.3	99.8
13:33	300	86.40	7200	--	6.82	1821	44	1.28	21.3	99.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-88S-Q221	Sample Time:	13:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	44	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-88S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-89D	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	150 to 160	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	87.41	Total Depth (ft-bmp)	159.4	Water Column (ft)	71.99	Gallons in Well	11.7
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.03	Did Well Dewater?	no				
Gallons Purged	12.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:17	400	0.5	87.71	--	2	7.21	1592	9	1.29	21.8	119
10:21	400	0.5	87.71	--	4	7.21	1943	9	1.39	22.4	115
10:25	400	0.5	87.71	--	6	7.22	2546	5	1.54	23.4	108.5
10:29	400	0.5	87.71	--	8	7.22	2701	4	1.57	23.5	106.6
10:33	400	0.5	87.71	--	10	7.22	2753	4	1.57	23.6	104.1
10:37	400	0.5	87.71	--	12	7.22	2759	4	1.57	23.6	103.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-89D-Q221	Sample Time:	10:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-89D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-89S	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 115	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	80.62	Total Depth (ft-bmp)	114.73	Water Column (ft)	34.11	Gallons in Well	5.54
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:00	400	0.25	80.79	--	1	7.09	6014	1000	1.88	21.9	104.6
11:04	400	0.25	80.79	--	2	7.04	5909	1000	1.87	23.2	104.5
11:08	400	0.25	80.79	--	3	7.02	5875	107	1.8	24	102.3
11:12	400	0.25	80.79	--	4	7.02	5853	18	1.78	24.2	99.4
11:16	400	0.25	80.79	--	5	7.02	5829	17	1.75	24.3	98.4
11:20	400	0.25	80.79	--	6	7.03	5804	17	1.74	24.4	97.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-89S-Q221	Sample Time:	11:21	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	17	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-89S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-90C	Date	6/3/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	162 to 170	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	99.23	Total Depth (ft-bmp)	169.48	Water Column (ft)	70.25
Well Casing Material	PVC	Gallons in Well	11.42		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.14	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:27	300	99.23	0	--	7.44	2957	32	1.46	23.5	87.8
10:31	300	99.30	1200	--	7.41	2959	22	1.65	23.5	78.9
10:35	300	99.30	2400	--	7.39	2960	13	1.7	23.6	76.8
10:39	300	99.30	3600	--	7.39	2962	8	1.74	23.6	75.4
10:43	300	99.30	4800	--	7.38	2962	7	1.75	23.6	73.8
10:47	300	99.30	6000	--	7.38	2964	7	1.79	23.7	73.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-90C-RE-0621	Sample Time:	10:48	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-90C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-90C	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	162 to 170	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	98.2	Total Depth (ft-bmp)	169.42	Water Column (ft)	71.22
				Gallons in Well	11.57
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.14	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:21	300	98.20	0	--	7.22	2692	33	2.02	22.4	130.2
12:25	300	98.22	1200	--	7.21	2746	19	1.27	22.5	128.8
12:29	300	98.22	2400	--	7.21	2764	13	1.05	22.6	125.7
12:33	300	98.22	3600	--	7.21	2747	9	1.05	22.6	124.8
12:37	300	98.22	4800	--	7.21	2760	8	1.02	22.7	124.7
12:41	300	98.22	6000	--	7.21	2748	8	1.01	22.7	124.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-90C-Q221	Sample Time:	12:42	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-90C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-91C	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	136 to 146	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	99.85	Total Depth (ft-bmp)	146.16	Water Column (ft)	46.31	Gallons in Well	7.52
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.06	Did Well Dewater?	no				
Gallons Purged	8.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:06	500	0.5	102.41	--	2	7.31	689	199	3.24	21.8	-1
08:10	500	0.5	102.41	--	4	7.36	683	148	3.07	22.3	-25.7
08:14	500	0.25	101.99	--	5	7.42	678	82	2.72	23.1	-46.7
08:18	500	0.25	101.99	--	6	7.47	679	15	2.21	23.6	-72.1
08:22	500	0.25	101.99	--	7	7.47	671	14	2.19	23.6	-75.7
08:26	500	0.25	101.99	--	8	7.47	672	14	2.14	23.6	-77.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-91C-Q221	Sample Time:	08:27	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	14	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-91C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-92C	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Josh Alessi	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	116 to 126	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	98.34	Total Depth (ft-bmp)	125.85	Water Column (ft) 27.51
		Gallons in Well	4.47	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.34	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:34	400	0.25	99.69	--	1	7.29	2086	114	1.23	22.4	42.9
12:38	400	0.25	99.69	--	2	7.24	2098	68	1.15	23.9	43
12:42	400	0.25	99.69	--	3	7.23	2100	33	1.14	24.6	42.4
12:46	400	0.25	99.69	--	4	7.23	2103	12	1.1	24.9	41
12:50	400	0.25	99.69	--	5	7.24	2102	12	1.09	24.9	41.4
12:54	400	0.25	99.69	--	6	7.24	2099	11	1.05	24.9	41.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-92C-Q221	Sample Time:	12:55	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-92C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-93C	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	130 to 135	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	102.79	Total Depth (ft-bmp)	134.33	Water Column (ft)	31.54
				Gallons in Well	5.12
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.17	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:55	0.25	104.15	--	1	7.56	437	16	1.25	24.1	-21.2
11:59	0.25	104.15	--	2	7.44	436.8	14	1.1	23.4	-54.8
12:03	0.25	104.15	--	3	7.42	437.4	11	1.01	24	-54.6
12:07	0.25	104.15	--	4	7.45	441.1	10	0.95	25.4	-59.8
12:11	0.25	104.15	--	5	7.46	442	10	0.91	25.5	-65.1
12:15	0.25	104.15	--	6	7.47	441.6	10	0.9	25.5	-66.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-93C-Q221	Sample Time:	12:16	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-93C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-94S	Date	4/14/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 110	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	80.36	Total Depth (ft-bmp)	110.22	Water Column (ft)	29.86	Gallons in Well	4.85
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.24	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:42	500	0.25	80.36	--	0	7.73	2043	118	4.19	20.9	25
08:46	500	0.25	80.44	--	1	7.52	2052	55	4.14	22.9	31.2
08:50	500	0.25	80.44	--	2	7.47	2044	38	4.1	23.2	31.9
08:54	500	0.25	80.44	--	3	7.43	2048	35	4.1	23.4	31
08:58	500	0.25	80.44	--	4	7.41	2049	13	4.1	23.4	31
09:02	500	0.25	80.44	--	5	7.39	2049	13	4.14	23.4	31.2
09:06	500	0.25	80.44	--	6	7.38	2049	13	4.11	23.4	31

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-94S-Q221	Sample Time:	09:07	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	13	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-94S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-95D	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	152 to 162	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	103.65	Total Depth (ft-bmp)	162.8	Water Column (ft) 59.15
Well Casing Material	PVC	Gallons in Well	9.61	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.04	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:23	300	0.5	103.65	--	0	7.17	1145	23	1.3	20.7	108.7
13:27	300	0.5	106.12	--	2	7.19	1165	17	1.08	21.1	102.7
13:31	300	0.5	108.97	--	4	7.17	1164	13	1.06	21.3	100.6
13:35	300	0.5	112.11	--	6	7.17	1168	9	1.03	21.5	99.7
13:39	300	0.25	112.20	--	7	7.16	1168	7	1.04	22.1	97.6
13:43	300	0.25	112.20	--	8	7.16	1168	7	1.05	22.1	96.8
13:47	300	0.25	112.20	--	9	7.16	1167	6	1.06	22.3	96.7
13:51	300	0.25	112.20	--	10	7.16	1168	6	1.06	22.3	95.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-95D-Q221	Sample Time:	13:52	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 6020 (Total Dissolved Chromium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-95D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-95S	Date	4/12/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 110	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	93.52	Total Depth (ft-bmp)	109.58	Water Column (ft) 16.06
		Gallons in Well	2.61	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	3.45	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:07	300	0.25	93.57	--	0	7.03	1586	261	3.36	20.8	107.8
14:11	300	0.25	94.02	--	1	7.05	1725	1000	4.26	23.4	108.8
14:15	300	0.25	94.02	--	2	7.04	1741	738	4.3	23.7	110.4
14:19	300	0.25	94.02	--	3	7.04	1740	242	4.32	23.9	114.3
14:23	300	0.25	94.02	--	4	7.04	1741	102	4.29	23.9	117.1
14:27	300	0.25	94.02	--	5	7.04	1742	78	4.26	24	119.7
14:31	300	0.25	94.02	--	6	7.04	1744	55	4.26	24.2	120.2
14:35	300	0.25	94.02	--	7	7.04	1744	48	4.28	24.2	121.7
14:39	300	0.25	94.02	--	8	7.04	1745	46	4.28	24.2	123.9
14:43	300	0.25	94.02	--	9	7.04	1745	45	4.29	24.3	124.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>MW-95S-Q221</u>	Sample Time:	<u>14:44</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-724-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>5</u>	Without Filter Turbidity:	<u>45</u>	Double Filter Turbidity:	<u>1</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

MW-95S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-96D	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	133 to 143	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	92.22	Total Depth (ft-bmp)	138.28	Water Column (ft)	46.06	Gallons in Well	7.48
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.20	Did Well Dewater?	no				
Gallons Purged	9.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:30	300	0.5	96.99	--	1.5	7.54	449	56	0.44	22	-19.5
12:33	300	0.5	98.99	--	3	7.69	470	21	0.28	23.8	-63.5
12:36	300	0.5	98.99	--	4.5	7.73	473	19	0.24	24.1	-64.5
12:39	300	0.5	99.00	--	6	7.77	476	12	0.17	24.3	-89.3
12:42	300	0.5	99.00	--	7.5	7.79	476	12	0.17	24.4	-91.4
12:45	300	0.5	99.00	--	9	7.78	477	11	0.16	24.4	-92.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-96D-Q221	Sample Time:	12:47	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-96D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-96S	Date	4/12/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	82.03	Total Depth (ft-bmp)	93.82	Water Column (ft)	11.79	Gallons in Well	1.92
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	3.13	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:51	300	0.25	82.75	--	1	7.87	622	1000	3.36	23.5	133.4
11:55	300	0.25	82.75	--	2	7.62	620	343	3.22	24.2	126.4
11:59	300	0.25	82.75	--	3	7.57	592	49	3.84	24.1	148.3
12:03	300	0.25	82.75	--	4	7.58	586	11	4	24.3	146.4
12:07	300	0.25	82.75	--	5	7.55	585	10	4.09	24.3	141.3
12:11	300	0.25	82.75	--	6	7.56	584	10	4.18	24.3	143.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-96S-Q221	Sample Time:	12:12	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-96S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-97D	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 125	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	87.17	Total Depth (ft-bmp)	123.11	Water Column (ft)	35.94
				Gallons in Well	5.84
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.03	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:22	0.25	90.46	--	1	7.8	494	16	2.53	21.2	98.6
12:26	0.25	90.49	--	2	7.76	492	9	2.39	22.6	92.2
12:30	0.25	90.48	--	3	7.79	492	7	2.33	23.1	90.7
12:34	0.25	90.49	--	4	7.8	492	7	2.31	23.3	89.1
12:38	0.25	90.51	--	5	7.79	492	8	2.28	23.5	85.7
12:42	0.25	90.52	--	6	7.79	493	8	2.22	23.7	84.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-97D-Q221	Sample Time:	12:43	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-97D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-97S	Date	4/14/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	87.09	Total Depth (ft-bmp)	94.34	Water Column (ft)	7.25
				Gallons in Well	1.18
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	5.08	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:09	0.25	87.71	--	1	8.97	411	741	3.19	21.5	82.6
13:13	0.25	87.71	--	2	9.78	384	383	4.62	21.6	71.9
13:17	0.25	87.73	--	3	9.7	382	26	3.54	23.1	63.4
13:21	0.25	87.75	--	4	9.73	383	9	3.47	23.6	60.2
13:25	0.25	87.76	--	5	9.75	384	7	3.43	23.8	57.8
13:29	0.25	87.76	--	6	9.75	383	7	3.41	24	55.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-97S-Q221	Sample Time:	13:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-97S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	MW-98C	Date	4/7/2021		
Site Location	Hinkley	Sampled by	Josh Alessi		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	121 to 126	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	98.2	Total Depth (ft-bmp)	125.81	Water Column (ft)	27.61
				Gallons in Well	4.49
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.11	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:47	0.25	98.54	--	1	7.52	638	10	1.29	24.4	-1.2
12:51	0.25	98.54	--	2	7.5	636	9	1.24	23.6	-2.2
12:55	0.25	98.54	--	3	7.45	638	9	1.16	24.9	-0.5
12:59	0.25	94.54	--	4	7.47	635	9	1.11	25.1	-1.7
13:03	0.25	94.54	--	5	7.47	635	9	1.04	25.2	-2.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-98C-Q221	Sample Time:	13:04	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

MW-98C



MW-98C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	MW-99C	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Josh Alessi				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	179 to 184	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	99.77	Total Depth (ft-bmp)	184.55	Water Column (ft)	84.78	Gallons in Well	13.78
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.02	Did Well Dewater?	no				
Gallons Purged	14.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:44	400	0.5	104.63	--	2	7.5	739	12	1.35	21.6	-71.7
13:48	400	0.5	104.63	--	4	7.45	690	5	1.29	22.8	-81.4
13:52	400	0.5	104.63	--	6	7.49	701	4	1.24	23	-90.2
13:56	400	0.5	104.63	--	8	7.53	682	2	1.19	23.2	-98.8
14:00	400	0.5	104.63	--	10	7.55	682	2	1.13	23.3	-101.4
14:04	400	0.5	104.63	--	12	7.55	684	2	1.07	23.4	-101.7
14:08	400	0.5	104.63	--	14	7.56	680	2	1.05	23.4	-101.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	MW-99C-Q221	Sample Time:	14:09	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-731-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

MW-99C



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	PMW-01	Date	4/21/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 116	Casing Diameter (in.)	5	Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)	90.71	Total Depth (ft-bmp)	117.15	Water Column (ft)	26.44	Gallons in Well	26.85
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	0.05	Did Well Dewater?	no				
Gallons Purged	1.35						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:28	300	90.80	1500	--	6.64	1045	4	1.54	21.8	91.3
13:31	300	90.80	2400	--	6.62	1045	4	1.28	21.8	84.2
13:34	300	90.80	3300	--	6.62	1045	4	1.29	21.9	83.3
13:37	300	90.80	4200	--	6.62	1046	4	1.31	21.9	81
13:40	300	90.80	5100	--	6.62	1045	4	1.19	21.9	81.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	PMW-01-Q221	Sample Time:	13:42	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PMW-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	PMW-02	Date	4/21/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	102 to 122	Casing Diameter (in.) 5
Static Water Level (ft-bmp)	107.13	Total Depth (ft-bmp)	123.1	Water Column (ft) 15.97
Well Casing Material	Stainless Steel			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.11	Did Well Dewater?	no	
Gallons Purged	18.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:31	300	1	107.25	--	3	6.99	891	5	4.79	22.3	65.4
12:34	300	1	107.25	--	6	6.95	906	5	4.27	22.5	66.3
12:37	300	1	107.25	--	9	6.91	950	5	3.34	22.5	67.7
12:40	300	1	107.25	--	12	6.88	957	3	2.61	23.7	68.8
12:43	300	1	107.25	--	15	6.82	961	3	2.55	22.7	71.2
12:46	300	1	107.25	--	18	6.8	971	3	2.49	22.7	72.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	PMW-02-Q221	Sample Time:	12:48	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PMW-02



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	PMW-03	Date	4/21/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	102 to 122	Casing Diameter (in.) 5
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)	101.72	Total Depth (ft-bmp)	123.19	Water Column (ft) 21.47
		Gallons in Well	21.8	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no	
Gallons Purged	22.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:37	300	1	105.63	--	5	6.97	1115	6	0.49	21.4	-1.7
11:42	300	1	105.62	--	10	6.94	1124	5	0.23	21.8	-23.5
11:45	300	1	105.62	--	13	6.92	1129	5	0.2	21.9	-67.3
11:48	300	1	105.62	--	16	6.91	1130	4	0.19	21.9	-75.5
11:51	300	1	105.62	--	19	6.9	1132	4	0.17	22	-79.1
11:54	300	1	105.62	--	22	6.9	1136	4	0.17	22	-85.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	PMW-03-Q221	Sample Time:	11:56	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

PMW-03



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	PMW-04	Date	4/21/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93 to 113	Casing Diameter (in.) 5
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)	89.99	Total Depth (ft-bmp)	113.46	Water Column (ft) 23.47
		Gallons in Well	23.84	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.05	Did Well Dewater?	no	
Gallons Purged	25.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:35	300	1	91.00	--	5	6.86	1147	229	0.99	20.5	82
10:40	300	1	91.00	--	10	6.96	1156	31	0.28	21.8	62.9
10:45	300	1	91.00	--	15	6.95	1153	15	0.19	21.9	55.3
10:50	300	1	91.00	--	20	6.96	1158	16	0.14	22	47.7
10:55	300	1	91.00	--	25	6.96	1157	15	0.14	22	47

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	PMW-04-P-Q221	Sample Time:	10:57	Field Filtered?	yes
Duplicate ID:	MW-947-Q221	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium), SW 6010B/6020/6020 A (Total metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	15	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PMW-04



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	PMW-05	Date	4/21/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	93 to 113	Casing Diameter (in.) 5
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)	90.39	Total Depth (ft-bmp)	111.5	Water Column (ft) 21.11
		Gallons in Well	21.44	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.07	Did Well Dewater?	no	
Gallons Purged	23.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:23	300	1	92.50	--	4	6.91	1066	4	1.07	21.1	89.6
09:27	300	1	92.50	--	8	6.95	1068	4	0.33	22.1	81.8
09:31	300	1	92.50	--	12	6.96	1059	4	0.24	22.2	78.7
09:35	300	4	92.50	--	16	6.96	1071	4	0.18	22.3	76.7
09:39	300	1	92.50	--	20	6.94	1083	3	0.15	22.4	76
09:42	300	1	92.50	--	23	6.94	1088	4	0.15	22.4	76

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	PMW-05-Q221	Sample Time:	09:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium), SW 6010B/6020/6020 A (Total metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

PMW-05



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	PMW-06	Date	4/21/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.) 5
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)	91.25	Total Depth (ft-bmp)	110.87	Water Column (ft) 19.62
		Gallons in Well	19.93	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no	
Gallons Purged	20.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:36	300	1	95.21	--	4	7.08	846	5	1.15	21.6	104.9
08:40	300	1	95.21	--	8	7.1	835	5	0.68	22.5	97.9
08:44	300	1	95.22	--	12	7.14	798	4	0.53	23	86.5
08:48	300	1	95.25	--	16	7.13	786	4	0.47	23.2	78.6
08:52	300	1	95.25	--	20	7.14	781	4	0.43	23.2	77

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	PMW-06-P-Q221	Sample Time:	08:53	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium), SW 6010B/6020/6020 A (Total metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PMW-06



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	PT1-MW-04	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 115	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	90.83	Total Depth (ft-bmp)	108.54	Water Column (ft) 17.71
		Gallons in Well	11.51	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.04	Did Well Dewater?	no	
Gallons Purged	12.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:26	300	0.5	91.72	--	2	6.87	1083	53	0.57	21.5	67.3
08:30	300	0.5	91.72	--	4	6.92	1085	30	0.26	22.5	66.4
08:34	300	0.5	91.72	--	6	6.93	1086	23	0.24	22.6	66.5
08:38	300	0.5	91.72	--	8	6.94	1086	16	0.23	22.7	66.9
08:42	300	0.5	91.72	--	10	6.94	1085	15	0.22	22.9	67
08:46	300	0.5	91.72	--	12	6.94	1086	15	0.22	22.9	67.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	PT1-MW-04-Q221	Sample Time:	08:48	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	15	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PT1-MW-04



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	PT2-MW-10		Date	4/21/2021	
Site Location	Hinkley	Sampled by	Jon Lindeman		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	95 to 125	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	95.21	Total Depth (ft-bmp)	125.79	Water Column (ft)	30.58
Well Casing Material	PVC				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no		
Gallons Purged	20.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:34	1	98.13	--	4	7.83	991	23	4.68	22.6	83.8
13:38	1	98.18	--	8	7.77	992	15	4.57	22.8	85
13:42	1	98.19	--	12	7.76	992	10	4.53	22.7	88.3
13:46	1	98.23	--	16	7.74	995	8	4.44	22.7	92.5
13:50	1	98.27	--	20	7.76	996	7	4.37	22.9	93.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	PT2-MW-10-Q221	Sample Time:	13:51	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PT2-MW-10



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	PZ-12A	Date	4/8/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	102.41	Total Depth (ft-bmp)	110.42	Water Column (ft)	8.01
				Gallons in Well	2.03
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PZ-12A



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	PZ-12B	Date	4/8/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	103.68	Total Depth (ft-bmp)	139.6	Water Column (ft)	35.92
				Gallons in Well	9.12
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PZ-12B



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	RD-01	Date	4/22/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	100 to 120	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	90.15	Total Depth (ft-bmp)	119.35	Water Column (ft) 29.2
		Gallons in Well	18.98	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.05	Did Well Dewater?	no	
Gallons Purged	20.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:55	300	1	90.42	--	4	6.8	963	15	0.99	21.3	112.2
13:59	300	1	90.42	--	8	6.72	972	11	0.59	22.6	108.7
14:03	300	1	90.42	--	12	6.7	993	8	0.3	23	106.8
14:07	300	1	90.42	--	16	6.68	1005	7	0.29	23.2	102.1
14:11	300	1	90.40	--	20	6.68	1006	7	0.26	23.2	101

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	RD-01-P-Q221	Sample Time:	14:13	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

RD-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	RPVT	Date	4/8/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.) 8 Well Casing Material Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:56	--	--	--	7.36	2228	4	6.71	20.8	77.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	RPVT-Q221	Sample Time:	15:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

RPVT



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-AW-01	Date	6/4/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	139 to 169	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	123.48	Total Depth (ft-bmp)	175	Water Column (ft)	51.52	Gallons in Well	33.49
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.05	Did Well Dewater?	no				
Gallons Purged	35.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:49	300	1	124.69	--	5	6.53	1078	9	0.57	21.9	-115.4
07:54	300	1	124.69	--	10	6.46	1081	6	0.45	22.4	-121.8
07:59	300	1	124.69	--	15	6.42	1061	3	0.42	22.4	-123.5
08:04	300	1	124.69	--	20	6.42	1054	3	0.41	22.5	-121.6
08:09	300	1	124.60	--	25	6.41	1086	3	0.4	22.4	-120.1
08:14	300	1	124.69	--	30	6.4	1082	3	0.41	22.4	-119.8
08:19	300	1	124.69	--	35	6.4	1085	2	0.4	22.5	-120.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-AW-01-RE-0621	Sample Time:	08:20	Field Filtered?	no
Duplicate ID:	--	Analytes and Methods:	SM 5310 B (Total Organic Carbon)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-AW-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-AW-01	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	139 to 169	Casing Diameter (in.) 4
Static Water Level (ft-bmp)	121.34	Total Depth (ft-bmp)	175	Water Column (ft) 53.66
Well Casing Material	PVC	Gallons in Well	34.88	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no	
Gallons Purged	35.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:47	300	2	124.69	--	10	6.93	1129	2	0.72	20.9	-135.7
07:52	300	2	124.69	--	20	6.99	1126	2	0.48	21.1	-100.2
07:57	300	1	123.60	--	25	7	1128	1	0.32	21.3	-96.7
08:02	300	1	123.60	--	30	7	1130	2	0.24	21.3	-100.1
08:07	300	1	123.60	--	35	7	1132	2	0.21	21.3	-93.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

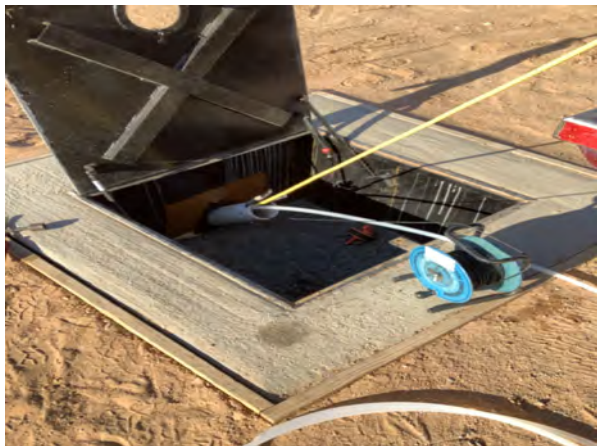
Sample ID:	SA-AW-01-Q221	Sample Time:	08:02	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	0	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-AW-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-AW-02	Date	4/16/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	138 to 168	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	128.01	Total Depth (ft-bmp)	172.6	Water Column (ft)	44.59	Gallons in Well	28.98
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	30.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:09	300	2	131.90	--	10	6.8	1091	23	0.4	21.6	76.1
09:14	300	1	130.33	--	25	6.76	1080	9	0.26	21.8	80.1
09:19	300	1	103.33	--	20	6.73	1080	4	0.17	22.1	80.7
09:24	300	1	130.33	--	25	6.72	1080	4	0.16	22.1	80.8
09:29	300	1	103.33	--	30	6.72	1083	4	0.15	22.1	80.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-AW-02-Q221	Sample Time:	09:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-AW-02



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-AW-02	Date	6/4/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	138 to 168	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	128.36	Total Depth (ft-bmp)	172.6	Water Column (ft) 44.24
		Gallons in Well	28.75	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.04	Did Well Dewater?	no	
Gallons Purged	30.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:34	300	1	129.11	--	5	6.43	1039	56	0.46	22.8	-56.7
08:39	300	1	129.11	--	5	6.43	1035	26	0.38	23	-55.8
08:44	300	1	129.11	--	15	6.43	1042	10	0.35	23	-58.9
08:49	300	1	129.11	--	20	6.42	1040	5	0.34	23	-50.2
08:54	300	1	129.11	--	25	6.4	1039	5	0.27	23	-48.8
08:59	300	1	129.11	--	5	6.4	1037	5	0.25	22.9	-49.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

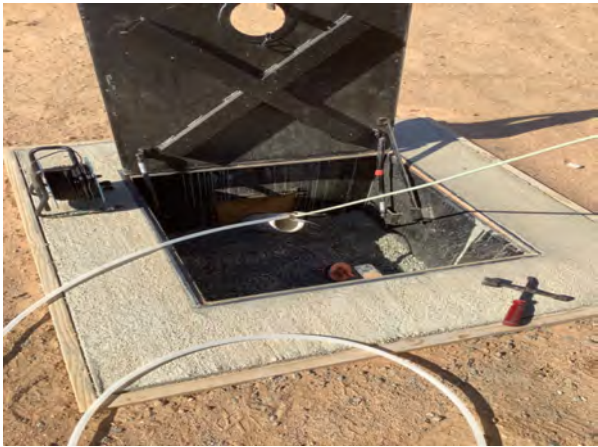
Sample ID:	SA-AW-02-RE-0621	Sample Time:	09:00	Field Filtered?	no
Duplicate ID:	--	Analytes and Methods:	SM 5310 B (Total Organic Carbon)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-AW-02



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID SA-MW-01S Date 5/6/2021

Site Location	Hinkley	Sampled by		Riggie Tep			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	91.91	Total Depth (ft-bmp)	98.78	Water Column (ft)	6.87	Gallons in Well	1.12
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Bladder Pump	
Well Volumes Purged	1.13	Did Well Dewater?	no				
Gallons Purged	1.27						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:35	200	91.91	0	--	7.47	1105	145	7.43	22.6	-47.8
08:39	200	91.95	800	--	7.41	1106	72	5.72	22.3	-44
08:43	200	91.95	1600	--	7.36	1101	41	4.78	22.4	-43.2
08:47	200	91.95	2400	--	7.33	1104	23	4.09	22.4	-41
08:51	200	91.95	3200	--	7.31	1102	16	4.27	22.4	-38.6
08:55	200	91.95	4000	--	7.3	1105	16	4.33	22.3	-39
08:59	200	200.00	4800	--	7.29	1104	15	4.42	22.3	-38.9

Comments: --

Well Casing Volume Conversion

 Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

 ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

 mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

 mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>SA-MW-01S-Q221</u>	Sample Time:	<u>09:00</u>	Field Filtered?	<u>yes</u>
			<u>EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 300.0 Orthophosphate,S M 5310 B (Total Organic Carbon),SW 6010B/6020/6020 A (Dissolved metals)</u>		
Duplicate ID:	<u>--</u>	Analytes and Methods:		MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>15</u>	Double Filter Turbidity:	<u>2</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

SA-MW-01S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID SA-MW-02S Date 5/6/2021

Site Location	Hinkley	Sampled by		Riggie Tep			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	91.32	Total Depth (ft-bmp)	108	Water Column (ft)	16.68	Gallons in Well	2.71
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	2.21	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:25	200	0.25	91.32	--	0	7.64	755	166	0.36	22.4	-60.9
09:29	200	0.25	91.44	--	1	7.51	768	94	0.31	23.6	-88.6
09:33	200	0.25	91.49	--	2	7.49	775	55	0.3	23.7	-89.2
09:37	200	0.25	91.51	--	3	7.46	784	37	0.29	24.9	-94.5
09:41	200	0.25	91.51	--	4	7.45	790	16	0.2	25.4	-97.3
09:45	200	0.25	91.51	--	5	7.44	795	15	0.27	25.5	-100.4
09:49	200	0.25	91.51	--	6	7.43	793	15	0.26	25.5	-104

Comments: --

Well Casing Volume Conversion

 Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

 ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

 mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

 mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>SA-MW-02S-Q221</u>	Sample Time:	<u>09:50</u>	Field Filtered?	<u>yes</u>
			<u>EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 300.0 Orthophosphate,S M 5310 B (Total Organic Carbon),SW 6010B/6020/6020 A (Dissolved metals)</u>		
Duplicate ID:	<u>MW-932-Q221</u>	Analytes and Methods:		MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>15</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

SA-MW-02S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-05D	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107 to 127	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	89.58	Total Depth (ft-bmp)	124.07	Water Column (ft)	34.49
Well Casing Material	PVC	Gallons in Well	5.6		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	2.14	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:04	0.5	91.72	--	2	7.43	977	163	0.2	23	-22.9
13:08	0.5	91.72	--	4	7.45	980	47	0.12	23.8	-27.5
13:12	0.25	91.73	--	6	7.48	981	13	0.1	24.1	-30.2
13:16	0.5	92.74	--	8	7.47	983	9	0.11	24.3	-32.7
13:20	0.5	92.75	--	10	7.45	985	8	0.13	24.2	-31.4
13:24	0.5	92.75	--	12	7.46	982	6	0.14	24.4	-29.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-05D-Q221	Sample Time:	13:25	Field Filtered?	yes
Duplicate ID:	MW-933-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-05D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-06S	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.21	Total Depth (ft-bmp)	104.02	Water Column (ft)	11.81
				Gallons in Well	1.92
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	1.38	Did Well Dewater?	no		
Gallons Purged	2.64				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:53	500	92.21	0	--	7.86	745	18	3.73	27.5	-28.9
11:57	500	92.26	2000	--	7.49	881	24	1.67	25.1	-41.3
12:01	500	92.26	4000	--	7.42	873	17	1.21	24.9	-50
12:05	500	92.26	6000	--	7.42	873	16	1.26	24.2	-50.9
12:09	500	92.26	8000	--	7.41	870	15	1.31	23.9	-48.6
12:13	500	92.26	10000	--	7.4	867	15	1.32	24.5	-49.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-06S-Q221	Sample Time:	12:14	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 300.0 Orthophosphate, S M 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	15	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-06S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID SA-MW-07D Date 5/6/2021

Site Location	Hinkley	Sampled by		Riggie Tep			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	104 to 124	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	90.78	Total Depth (ft-bmp)	120.72	Water Column (ft)	29.94	Gallons in Well	4.86
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	1.23	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:22	200	0.25	90.78	--	0	7.67	712	219	2.71	22.4	-53.5
10:26	200	0.25	90.90	--	1	7.65	715	95	2.64	22.6	-55.3
10:30	200	0.25	90.92	--	2	7.64	697	48	2.57	23.1	-56
10:34	200	0.25	90.93	--	3	7.61	700	30	2.6	24.1	-53.3
10:38	200	0.25	90.93	--	4	7.61	714	26	2.61	24.4	-53
10:42	200	0.25	90.93	--	5	7.61	715	26	2.57	24.8	-53.2
10:46	200	0.25	90.93	--	6	7.61	721	25	2.54	24.8	-53.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>SA-MW-07D-Q221</u>	Sample Time:	<u>10:47</u>	Field Filtered?	<u>yes</u>
			EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 300.0 Orthophosphate		
Duplicate ID:	<u>MW-934-Q221</u>	Analytes and Methods:	<u>EPA 300.0 Sulfate, SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>25</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

SA-MW-07D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-07S		Date	5/6/2021	
Site Location	Hinkley		Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84 to 99	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	91.77	Total Depth (ft-bmp)	97.94	Water Column (ft)	6.17
				Gallons in Well	1
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus		Purge Method	Low-Flow	Purging Equipment
					Bladder Pump
Well Volumes Purged	1.06	Did Well Dewater?	no		
Gallons Purged	1.06				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:05	200	91.77	0	--	7.98	744	25	5.56	24.9	-34.4
11:09	200	91.81	800	--	7.98	750	15	5.88	24.1	-33.1
11:13	200	91.83	1600	--	7.75	782	8	5.74	23.2	-27.5
11:17	200	91.83	2400	--	7.73	809	7	6.12	22.9	-22.6
11:21	200	91.83	3200	--	7.72	812	7	6.13	22.7	-18.2
11:25	200	91.83	4000	--	7.7	818	7	6.15	22.7	-15.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-07S-Q221	Sample Time:	11:26	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 300.0 Orthophosphate, S M 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-07S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	SA-MW-08D	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 140	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	95.37	Total Depth (ft-bmp)	138.73	Water Column (ft)	43.36
				Gallons in Well	7.05
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.42	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:32	0.5	95.51	--	2	7.78	754	77	2.9	22.5	86.9
11:36	0.5	95.51	--	4	7.76	846	15	1.48	23.4	84.6
11:40	0.5	95.51	--	6	7.76	853	9	1.41	23.4	83.9
11:44	0.5	95.52	--	8	7.75	855	7	1.38	23.4	82.3
11:48	0.5	95.52	--	10	7.73	863	6	1.35	23.4	81.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-08D-Q221	Sample Time:	11:49	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-08D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-09S	Date	5/6/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.) 2
				Well Casing Material PVC
Static Water Level (ft-bmp)	89.35	Total Depth (ft-bmp)	108.26	Water Column (ft) 18.91
				Gallons in Well 3.07
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.63	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:03	500	0.25	89.35	--	0	7.42	1012	95	0.95	25.1	-46.4
13:07	500	0.25	89.55	--	1	7.36	1037	75	0.89	23.8	-50.1
13:11	500	0.25	89.57	--	2	7.32	1039	68	0.77	23.7	-50.6
13:15	500	0.25	89.59	--	3	7.26	1063	11	0.61	26.3	-50.5
13:19	500	0.25	89.61	--	4	7.28	1067	10	0.53	26.7	-56.3
13:23	500	0.25	89.62	--	5	7.28	1065	10	0.51	26.7	-59.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-09S-Q221	Sample Time:	13:24	Field Filtered?	yes
Duplicate ID:	MW-935-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 300.0 Orthophosphate, S M 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-09S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID SA-MW-10D Date 5/6/2021

Site Location	Hinkley	Sampled by		Riggie Tep			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	105 to 125	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	89.22	Total Depth (ft-bmp)	123.33	Water Column (ft)	34.11	Gallons in Well	5.54
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	1.08	Did Well Dewater?	no				
Gallons Purged	6.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:46	500	0.25	89.22	--	0	7.45	875	155	2.56	23.8	-30.3
13:50	500	0.25	89.32	--	1	7.4	867	91	2.53	22.7	-33.3
13:54	500	0.25	89.33	--	2	7.32	862	55	2.27	24	-29.6
13:58	500	0.25	89.35	--	3	7.27	863	29	2.22	24	-27.6
14:02	500	0.25	89.35	--	4	7.25	862	22	2.17	24.1	-27.6
14:06	500	0.25	89.35	--	5	7.24	863	22	2.18	24.3	-27.6
14:10	500	0.25	89.35	--	6	7.24	863	22	2.17	24.3	-27.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>SA-MW-10D-Q221</u>	Sample Time:	<u>14:11</u>	Field Filtered?	<u>yes</u>
			<u>EPA 218.6 (Hexavalent Chromium),EPA 300.0 (Inorganic Ions),EPA 300.0 Orthophosphate,S M 5310 B (Total Organic Carbon),SW 6010B/6020/6020 A (Dissolved metals)</u>		
Duplicate ID:	<u>--</u>	Analytes and Methods:		MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-764-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>22</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

SA-MW-10D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	SA-MW-11S	Date	4/21/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	97.18	Total Depth (ft-bmp)	103.3	Water Column (ft)	6.12
				Gallons in Well	0.99
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	2.02	Did Well Dewater?	no		
Gallons Purged	2.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:23	0.1	97.24	--	0.4	7.55	1405	8	4.97	18.5	50.7
08:27	0.1	97.24	--	0.8	7.52	1443	6	5.1	19.4	57.8
08:31	0.1	97.24	--	1.2	7.5	1455	6	5.17	19.8	59.4
08:35	0.1	97.24	--	1.6	7.49	1461	6	5.2	19.9	60.4
08:39	0.1	97.24	--	2	7.48	1470	6	5.24	20	64.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-11S-Q221	Sample Time:	08:40	Field Filtered?	yes
Duplicate ID:	--	Analyses and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-11S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-12D	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 140	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	96.97	Total Depth (ft-bmp)	139.61	Water Column (ft) 42.64
		Gallons in Well	6.93	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.44	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:15	300	0.5	96.97	--	0	7.23	750	39	3.23	21.1	92.7
10:19	300	0.5	97.10	--	2	7.11	1043	29	2.07	22.9	34.9
10:23	300	0.5	97.10	--	4	7.1	1048	13	2.01	23.1	28.7
10:27	300	0.5	97.10	--	6	7.1	1052	8	1.96	23.1	26.1
10:31	300	0.5	97.10	--	8	7.1	1058	7	1.92	23.2	24.9
10:35	300	0.5	97.10	--	10	7.1	1061	7	1.89	23.2	23.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-12D-Q221	Sample Time:	10:36	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-12D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-12S	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.99	Total Depth (ft-bmp)	98.48	Water Column (ft)	5.49
				Gallons in Well	0.89
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	1.78	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:47	300	92.99	0	--	7.35	1233	29	3.81	21.6	50.1
10:51	300	93.10	1200	--	7.28	1235	21	4.01	21.3	59.8
10:55	300	93.10	2400	--	7.26	1229	15	4.12	21.1	68.7
10:59	300	93.10	3600	--	7.26	1228	9	4.18	21.1	70.1
11:03	300	93.10	4800	--	7.26	1228	8	4.21	21.1	71.4
11:07	300	93.10	6000	--	7.26	1227	8	4.23	21.1	71.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-12S-Q221	Sample Time:	11:08	Field Filtered?	yes
Duplicate ID:	MW-936-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-12S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-13S	Date	4/21/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.44	Total Depth (ft-bmp)	100.55	Water Column (ft)	8.11
				Gallons in Well	1.32
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	1.52	Did Well Dewater?	no		
Gallons Purged	2.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:54	0.1	92.49	--	0.4	7.55	1100	7	1.43	21.3	62.8
10:58	0.1	92.49	--	0.8	7.53	1101	5	1.15	21.2	66.7
11:02	0.1	92.49	--	1.2	7.53	1101	4	1.1	21.3	68.8
11:06	0.1	92.49	--	1.6	7.53	1101	4	1.03	21.3	69.8
11:10	0.1	92.50	--	2	7.5	1101	4	1.02	21.5	71.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-13S-Q221	Sample Time:	11:11	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-13S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-14S	Date	4/21/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	93.28	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-14S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-15S	Date	4/21/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 110	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	96.14	Total Depth (ft-bmp)	108.61	Water Column (ft)	12.47
				Gallons in Well	2.03
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	3.45	Did Well Dewater?	no		
Gallons Purged	7.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:19	0.25	96.77	--	1	7.58	1515	283	3.95	20.6	72
12:23	0.25	96.77	--	2	7.55	1594	151	3.98	20.7	77.7
12:27	0.25	96.78	--	3	7.53	1725	47	4.1	20.8	83.5
12:31	0.25	96.78	--	4	7.53	1783	26	4.19	22	87.5
12:35	0.25	96.78	--	5	7.51	1792	9	4.24	22.6	89.4
12:39	0.25	96.79	--	6	7.49	1799	7	4.29	22.8	91.4
12:43	0.25	96.79	--	7	7.48	1809	8	4.33	22.9	91.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-15S-Q221	Sample Time:	12:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-15S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-16D	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Andrew Pham		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 140	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.61	Total Depth (ft-bmp)	138.73	Water Column (ft)	46.12
				Gallons in Well	7.49
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.20	Did Well Dewater?	no		
Gallons Purged	9.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:02	0.5	92.91	--	1.5	7.72	520	52	7.21	22.7	163.5
12:05	0.5	92.91	--	3	7.65	557	13	6.86	23.3	154.6
12:08	0.5	92.88	--	4.5	7.61	556	6	6.71	23.4	157.4
12:11	0.5	92.88	--	6	7.59	557	6	6.63	23.5	155.5
12:14	0.5	92.88	--	7.5	7.59	560	5	6.61	23.5	152.5
12:17	0.5	92.88	--	9	7.59	560	5	6.5	23.7	152.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-16D-Q221	Sample Time:	12:19	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-16D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	SA-MW-16S	Date	4/5/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 105	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	99.41	Total Depth (ft-bmp)	104.77	Water Column (ft)	5.36	Gallons in Well	0.87
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	1.82	Did Well Dewater?	no				
Gallons Purged	1.59						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:50	300	99.45	1200	--	8.19	553	25	6.48	22.8	139.4
12:54	300	99.45	2400	--	7.71	556	11	5.78	22.7	144.5
12:58	300	99.45	3600	--	7.62	549	7	5.47	22.9	150.2
13:02	300	92.88	4800	--	7.61	548	7	5.57	22.5	152.3
13:06	300	92.88	6000	--	7.6	547	7	5.48	22.6	153.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-16S-Q221	Sample Time:	13:08	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-16S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-17S	Date	4/15/2021
Site Location	Hinkley	Sampled by	Riggie Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 105
		Casing Diameter (in.)	2
		Well Casing Material	PVC
Static Water Level (ft-bmp)	98	Total Depth (ft-bmp)	103.84
		Water Column (ft)	5.84
		Gallons in Well	0.95
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow
		Purging Equipment	Bladder Pump
Well Volumes Purged	1.33	Did Well Dewater?	no
Gallons Purged	1.27		

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:17	200	98.00	0	--	7.91	707	55	6.22	22.7	27.1
13:21	200	98.08	800	--	7.92	728	36	7.83	22.7	32.3
13:25	200	98.08	1600	--	7.88	723	25	7.39	22.4	33.8
13:29	200	98.08	2400	--	7.82	724	20	5.29	22.4	32
13:33	200	98.08	3200	--	7.79	727	19	5.22	22.2	31.4
13:37	200	98.08	4000	--	7.77	727	19	5.08	22.3	31.3
13:41	200	98.08	4800	--	7.76	723	19	5.01	22.4	34

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-17S-Q221	Sample Time:	13:42	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	SA-MW-17S-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	EB-740-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	19	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-17S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-18D	Date	4/21/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 140	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	101.54	Total Depth (ft-bmp)	139.27	Water Column (ft)	37.73
				Gallons in Well	6.13
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.63	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:13	0.5	102.14	--	2	7.54	664	8	0.36	22	47.8
10:17	0.5	102.19	--	4	7.52	687	7	0.37	22.7	43.6
10:21	0.5	102.22	--	6	7.52	694	7	0.36	23.2	41
10:25	0.5	102.23	--	8	7.51	697	6	0.35	23.7	39.5
10:29	0.5	102.24	--	10	7.5	699	6	0.33	23.9	36.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-18D-Q221	Sample Time:	10:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-18D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-18S	Date	4/21/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84 to 104	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	97.66	Total Depth (ft-bmp)	103.42	Water Column (ft)	5.76
				Gallons in Well	0.94
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	2.13	Did Well Dewater?	no		
Gallons Purged	2.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:28	0.1	97.71	--	0.4	7.89	793	9	5.07	21.5	74.7
09:32	0.1	97.71	--	0.8	7.85	801	8	5.28	21.4	79
09:36	0.1	97.71	--	1.2	7.84	798	8	5.33	21.5	81.4
09:40	0.1	97.71	--	1.6	7.86	798	7	5.37	21.6	83.9
09:44	0.1	97.71	--	2	7.84	796	6	5.39	21.5	85.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-18S-Q221	Sample Time:	09:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-18S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-20D	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 123	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.26	Total Depth (ft-bmp)	120.25	Water Column (ft)	27.99
				Gallons in Well	4.55
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.10	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:17	0.25	93.11	--	1	7.22	1004	130	0.18	23	-127.1
12:21	0.25	93.14	--	2	7.28	1007	57	0.28	25.3	-144.9
12:25	0.25	93.15	--	3	7.3	1016	9	0.24	26.1	-145.8
12:29	0.25	93.17	--	4	7.31	1017	8	0.22	26.2	-147.1
12:33	0.25	93.16	--	5	7.31	1016	8	0.21	26.4	-148.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-20D-Q221	Sample Time:	12:34	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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PHOTO LOG

SA-MW-20D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-23D	Date	4/23/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 135	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	103.57	Total Depth (ft-bmp)	133.24	Water Column (ft) 29.67
		Gallons in Well	4.82	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.07	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:19	300	0.5	103.57	--	0	7.47	866	390	1.97	21.5	78.9
11:23	300	0.5	103.80	--	2	7.45	868	67	1.63	21.8	82.6
11:27	300	0.5	103.80	--	4	7.44	870	35	1.6	22.1	85.8
11:31	300	0.5	103.80	--	6	7.42	871	27	1.56	22.1	88.1
11:35	300	0.5	103.80	--	8	7.42	871	26	1.58	22.1	88.9
11:39	300	0.5	103.80	--	10	7.42	871	26	1.56	22.2	89.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-23D-Q221	Sample Time:	11:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-760-Q221	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	26	Double Filter Turbidity:	1
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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SA-MW-23D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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Well ID	SA-MW-23S	Date	4/23/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	103.5	Total Depth (ft-bmp)	104.99	Water Column (ft)	1.49
				Gallons in Well	0.24
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-23S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-25D	Date	4/23/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	121 to 141	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	104.06	Total Depth (ft-bmp)	140.74	Water Column (ft)	36.68
Well Casing Material	PVC				
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	2.35	Did Well Dewater?	no		
Gallons Purged	14.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:03	0.5	105.71	--	2	7.69	934	516	5.45	19.4	60.9
08:07	0.5	105.71	--	4	7.64	990	282	5.46	21.2	72.6
08:11	0.5	105.73	--	6	7.63	981	132	5.42	22.1	74.4
08:15	0.5	105.73	--	8	7.63	976	72	5.39	22.3	73.1
08:19	0.5	105.75	--	10	7.63	975	9	5.33	22.2	71.5
08:23	0.5	105.76	--	12	7.63	972	8	5.3	22.3	70.3
08:27	0.5	105.79	--	14	7.63	976	6	5.28	22.3	68.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-25D-Q221	Sample Time:	08:28	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-25D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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Well ID	SA-MW-25S	Date	4/23/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	88 to 108	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	105.53	Total Depth (ft-bmp)	107.68	Water Column (ft)	2.15
				Gallons in Well	0.35
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-25S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	SA-MW-26D	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	116 to 126	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.12	Total Depth (ft-bmp)	120.73	Water Column (ft)	28.61
				Gallons in Well	4.65
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.08	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:58	0.25	92.56	--	1	7.91	514	35	2.95	21.6	58.3
09:02	0.25	92.58	--	2	7.87	515	14	2.89	22	51.4
09:06	0.25	92.59	--	3	7.88	517	9	2.84	22.5	43.5
09:10	0.25	92.59	--	4	7.9	519	8	2.78	22.7	39.6
09:14	0.25	92.58	--	5	7.91	520	9	2.75	23	34.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-26D-Q221	Sample Time:	09:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-26D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	SA-MW-26S	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	95.89	Total Depth (ft-bmp)	98.96	Water Column (ft)	3.07
				Gallons in Well	0.5
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	4.00	Did Well Dewater?	no		
Gallons Purged	2.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:27	0.1	95.97	--	0.4	7.4	1010	19	0.89	22.3	-38.4
09:31	0.1	95.97	--	0.8	7.41	1011	13	0.87	22.2	-39.2
09:35	0.1	95.96	--	1.2	7.41	1012	10	0.82	22.2	-40.1
09:39	0.1	95.97	--	1.6	7.39	1012	8	0.79	22.4	-43.7
09:43	0.1	95.97	--	2	7.4	1012	8	0.73	22.5	-47.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-26S-Q221	Sample Time:	09:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-26S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-27D	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	107 to 117	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	100.18	Total Depth (ft-bmp)	117	Water Column (ft)	16.82	Gallons in Well	2.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.83	Did Well Dewater?	no				
Gallons Purged	5.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:08	500	0.25	100.18	--	0	8.05	765	191	3.16	22	35.3
12:12	500	0.25	100.28	--	1	7.84	767	92	1.78	22.5	26.2
12:16	500	0.25	100.28	--	2	7.74	787	40	2.85	24.2	26.3
12:20	500	0.25	100.28	--	3	7.67	780	32	2.89	25.8	29.7
12:24	500	0.25	100.28	--	4	7.68	782	31	2.86	25.5	26.5
12:28	500	0.25	100.28	--	5	7.67	781	30	3.03	25.4	24.8
12:32	500	0.25	100.28	--	6	7.66	781	30	3.15	25.5	24.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-27D-Q221	Sample Time:	12:33	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	EB-730-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	30	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-27D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-27SR	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	89 to 104	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	100.77	Total Depth (ft-bmp)	103.1	Water Column (ft)	2.33
				Gallons in Well	1.51
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient water to purge and sample

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-27SR



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-28D	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	125 to 135	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.52	Total Depth (ft-bmp)	134.8	Water Column (ft)	30.28
				Gallons in Well	4.92
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:11	0.25	104.57	--	1	7.44	516	8	2.76	22.1	54.1
11:15	0.25	104.58	--	2	7.3	568	6	2.45	23.5	55.8
11:19	0.25	104.58	--	3	7.25	599	5	2.3	24	57.1
11:23	0.25	104.58	--	4	7.22	608	5	2.25	24	56.3
11:27	0.25	104.58	--	5	7.24	610	5	2.21	24	53.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-28D-Q221	Sample Time:	11:28	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-28D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-30D	Date	4/23/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	108 to 123	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	89.12	Total Depth (ft-bmp)	122.86	Water Column (ft) 33.74
Well Casing Material	PVC	Gallons in Well	5.48	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.82	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:07	300	0.5	89.12	--	0	7.35	958	59	2.16	21.6	112.9
10:11	300	0.5	89.40	--	2	6.98	950	29	0.47	23.3	102.1
10:15	300	0.5	89.40	--	4	6.86	957	12	0.46	23.4	99.3
10:19	300	0.5	89.40	--	6	6.85	955	8	0.44	23.4	97.1
10:23	300	0.5	89.40	--	8	6.85	958	7	0.42	23.4	96.5
10:27	300	0.5	89.40	--	10	6.85	958	7	0.42	23.4	95.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-30D-Q221	Sample Time:	10:28	Field Filtered?	yes
Duplicate ID:	MW-937-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-30D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-33S	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	87 to 102	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	95.28	Total Depth (ft-bmp)	101.21	Water Column (ft)	5.93
				Gallons in Well	0.96
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	7.29	Did Well Dewater?	no		
Gallons Purged	7.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:36	0.25	95.64	--	1	7.87	647	541	3.56	23.5	74.2
10:40	0.25	95.67	--	2	7.83	635	214	3.66	23.5	75.8
10:44	0.25	95.68	--	3	7.81	641	138	3.68	23.6	76.3
10:48	0.25	95.69	--	4	7.79	665	73	3.59	23.6	72.4
10:52	0.25	95.68	--	6	7.78	658	48	3.54	23.8	71.4
10:56	0.25	95.70	--	6	7.77	660	45	3.55	23.9	70.6
11:00	0.25	95.70	--	7	7.77	663	44	3.54	24.1	69.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-33S-Q221	Sample Time:	11:01	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	7	Without Filter Turbidity:	44	Double Filter Turbidity:	4
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-33S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-34S	Date	4/22/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 98	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	83.41	Total Depth (ft-bmp)	98.12	Water Column (ft)	14.71	Gallons in Well	9.56
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.05	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:35	300	0.5	85.11	--	2	6.62	1197	14	0.63	23.3	110.3
14:39	300	0.5	85.11	--	4	6.61	1194	10	0.48	23.4	110.1
14:43	300	0.5	85.11	--	6	6.61	1191	8	0.32	23.9	110
14:47	300	0.5	85.11	--	8	6.62	1192	8	0.29	24	110
14:51	300	0.5	85.11	--	10	6.62	1189	8	0.3	24.1	110

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-34S-Q221	Sample Time:	14:49	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-34S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-36S	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	99.41	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-36S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-37D	Date	4/22/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	100.68	Total Depth (ft-bmp)	119.8	Water Column (ft) 19.12
Well Casing Material	PVC	Gallons in Well	4.85	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	2.06	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:09	300	0.5	100.68	--	0	7.25	883	39	1.5	21.9	66.2
12:13	300	0.5	100.80	--	2	7.16	890	27	1.51	23.1	45.6
12:17	300	0.5	100.80	--	4	7.15	869	11	1.61	23.2	43.2
12:21	300	0.5	100.80	--	6	7.16	876	6	1.63	23.3	42.8
12:25	300	0.5	100.80	--	8	7.16	877	5	1.71	23.3	42.1
12:29	300	0.5	100.80	--	10	7.16	879	5	1.73	23.3	41.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-37D-Q221	Sample Time:	12:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	SA-MW-37D-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	EB-757-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-37D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-MW-37S	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	99.82	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-37S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-38D	Date	5/6/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	118 to 133	Casing Diameter (in.) 2.5
				Well Casing Material PVC
Static Water Level (ft-bmp)	103.61	Total Depth (ft-bmp)	132.52	Water Column (ft) 28.91
				Gallons in Well 7.34
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.36	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:15	300	0.5	103.61	--	0	7.6	620	86	5.78	22.5	79.6
11:19	300	0.5	103.71	--	2	7.48	623	41	5.67	23.5	78.1
11:23	300	0.5	103.71	--	4	7.47	622	27	5.62	23.7	79.2
11:27	300	0.5	103.71	--	6	7.47	623	9	5.69	23.9	80.2
11:31	300	0.5	103.71	--	8	7.46	623	8	5.7	23.9	81.6
11:35	300	0.5	103.71	--	10	7.46	622	8	5.69	23.9	81.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-38D-Q221	Sample Time:	11:36	Field Filtered?	yes
Duplicate ID:	MW-938-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-38D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-38S	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91 to 106	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	97.71	Total Depth (ft-bmp)	105.99	Water Column (ft)	8.28
				Gallons in Well	5.38
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.29	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:55	300	97.71	0	--	7.3	931	21	5.37	23.5	96.7
11:59	300	97.80	1200	--	7.3	926	15	4.98	23.3	96.8
12:03	300	97.80	2400	--	7.31	923	11	4.86	23.4	96.1
12:07	300	97.80	3600	--	7.31	923	6	4.74	23.4	96.6
12:11	300	97.80	4800	--	7.31	924	5	4.81	23.5	96.8
12:15	300	97.80	6000	--	7.3	922	5	4.79	23.5	97.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-38S-Q221	Sample Time:	12:16	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	SA-MW-38S-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-38S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-39D	Date	4/13/2021									
Site Location	Hinkley	Sampled by	Riggie Tep									
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	104 to 114	Casing Diameter (in.)	2.5	Well Casing Material	PVC					
Static Water Level (ft-bmp)	85.66	Total Depth (ft-bmp)	114	Water Column (ft)	28.34	Gallons in Well	7.2					
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2							
Well Volumes Purged	1.39	Did Well Dewater?	no									
Gallons Purged	10.00											

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:55	500	0.5	85.66	--	0	7.72	740	44	0.74	22.7	18.3
09:59	500	0.5	85.77	--	2	7.61	821	14	0.92	24.1	10.1
10:03	500	0.5	85.77	--	4	7.54	933	8	1.15	25.4	7.4
10:07	500	0.25	85.77	--	6	7.56	1031	5	1.29	25.9	4.6
10:11	500	0.5	85.77	--	8	7.55	1041	5	1.33	26	3.7
10:15	500	0.5	85.77	--	10	7.55	1055	5	1.36	26.2	3.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-39D-Q221	Sample Time:	10:16	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-39D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-39S	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 95	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	85.85	Total Depth (ft-bmp)	94.06	Water Column (ft) 8.21
		Gallons in Well	5.34	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	0.94	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:14	500	0.25	85.85	--	0	7.55	1820	6	0.31	22.5	-34.7
09:18	500	0.25	85.94	--	1	7.51	1779	5	0.25	23.4	-47.2
09:22	500	0.25	85.94	--	2	7.45	1766	4	0.19	24.3	-51.6
09:26	500	0.25	85.94	--	3	7.44	1760	4	0.14	24.6	-59.6
09:30	500	0.25	85.94	--	4	7.41	1749	4	0.15	24.9	-63.7
09:34	500	0.25	85.94	--	5	7.4	1747	4	0.15	25	-67.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-39S-Q221	Sample Time:	09:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-39S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-40D	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 120	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	83.46	Total Depth (ft-bmp)	119.57	Water Column (ft) 36.11
Well Casing Material	PVC	Gallons in Well	9.17	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.09	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:36	500	0.5	83.46	--	0	7.66	457	19	0.38	23	12.3
08:40	500	0.5	83.59	--	2	7.63	494	28	2.68	23.6	12
08:44	500	0.5	83.59	--	4	7.71	510	7	3.97	24.4	20.5
08:48	500	0.5	83.59	--	6	7.73	510	6	3.95	24.5	21.4
08:52	500	0.5	83.59	--	8	7.76	511	6	3.97	24.6	21.3
08:56	500	0.5	83.59	--	10	7.77	512	5	4	24.8	21.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-40D-Q221	Sample Time:	08:57	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-40D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-40S	Date	4/13/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	85.58	Total Depth (ft-bmp)	104.69	Water Column (ft)	19.11	Gallons in Well	12.42
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.01	Did Well Dewater?	no				
Gallons Purged	12.50						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:55	500	0.5	85.58	--	0	8.03	721	29	4.34	21.7	21.9
07:59	500	0.5	85.66	--	2	7.88	721	4	4.22	22	25.9
08:03	500	0.5	85.66	--	4	7.78	725	3	4.24	24.9	25.3
08:07	500	0.5	85.66	--	6	7.86	722	2	4.29	24.2	21.7
08:11	500	0.5	85.66	--	8	7.77	721	2	4.3	24.3	23
08:15	500	0.5	85.66	--	10	7.76	722	2	4.31	24.4	22.9
08:20	500	0.5	85.66	--	12.5	7.75	723	2	4.3	24.5	23.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-40S-Q221	Sample Time:	08:21	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-40S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-41	Date	4/16/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105.7	Casing Diameter (in.) 4
Static Water Level (ft-bmp)	94.57	Total Depth (ft-bmp)	104.83	Water Column (ft) 10.26
Well Casing Material	PVC	Gallons in Well	6.67	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.35	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:54	300	0.5	96.11	--	1.5	6.7	722	19	0.72	21.5	88
09:57	300	0.5	96.11	--	3	6.74	721	9	0.4	22.5	80.4
10:00	300	0.5	96.11	--	4.5	6.75	722	8	0.37	22.7	78.8
10:03	300	0.5	96.11	--	6	6.77	722	7	0.36	22.9	78
10:06	300	0.5	96.11	--	7.5	6.77	721	6	0.36	22.8	77.3
10:09	300	0.5	96.11	--	9	6.78	721	6	0.35	23	76.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-41-Q221	Sample Time:	10:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-41



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-42M	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	98 to 108	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	88.78	Total Depth (ft-bmp)	107.91	Water Column (ft) 19.13
Well Casing Material	PVC	Gallons in Well	4.86	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.03	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:39	500	0.25	88.78	--	0	7.79	979	25	3.92	23.4	35.4
10:43	500	0.25	88.93	--	1	7.71	983	37	3.49	24.8	30.9
10:47	500	0.25	88.95	--	2	7.63	985	24	3.27	27.3	31.4
10:51	500	0.25	88.96	--	3	7.61	990	18	3.11	28.7	30.9
10:55	500	0.25	88.96	--	4	7.61	990	17	3.15	28.9	27.4
10:59	500	0.25	88.96	--	5	7.62	991	17	3.12	29	26.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-42M-Q221	Sample Time:	11:00	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	17	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-42M



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-42S	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	86 to 96	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	89.33	Total Depth (ft-bmp)	95.3	Water Column (ft) 5.97
Well Casing Material	PVC	Gallons in Well	1.52	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	3.29	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:21	500	0.25	89.33	--	0	7.74	1487	65	1.1	23.7	35.8
11:25	500	0.25	89.47	--	1	7.69	1482	123	1.07	23.7	31.8
11:29	500	0.25	89.47	--	2	7.54	1464	45	1	24.7	19.7
11:33	500	0.25	89.47	--	3	7.46	1468	21	0.95	25.8	14.3
11:37	500	0.25	89.47	--	4	7.43	1469	21	0.94	26.1	10.3
11:41	500	0.25	89.47	--	5	7.41	1470	21	0.92	26.2	7.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-42S-Q221	Sample Time:	11:42	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	20	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-42S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-43M	Date	4/22/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	104 to 114	Casing Diameter (in.) 2.5
Static Water Level (ft-bmp)	84.93	Total Depth (ft-bmp)	113.16	Water Column (ft) 28.23
Well Casing Material	PVC	Gallons in Well	7.17	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment Grundfos RF2
Well Volumes Purged	1.39	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:13	300	0.5	84.93	--	0	7.81	1338	37	4.05	22.6	70.7
09:17	300	0.5	84.05	--	2	7.59	1387	25	3.97	23.3	78.6
09:21	300	0.5	84.05	--	4	7.65	1392	16	3.92	23.6	79.9
09:25	300	0.5	84.05	--	6	7.67	1386	7	4.01	23.8	81.2
09:29	300	0.5	84.05	--	8	7.67	1383	6	3.99	23.9	82.1
09:33	300	0.5	84.05	--	10	7.68	1379	6	3.98	23.8	82.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-43M-Q221	Sample Time:	09:34	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-43M



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-43S	Date	4/22/2021				
Site Location	Hinkley	Sampled by	Nara Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	84 to 99	Casing Diameter (in.)	4	Well Casing Material	PVC
Static Water Level (ft-bmp)	84.24	Total Depth (ft-bmp)	98.96	Water Column (ft)	14.72	Gallons in Well	9.57
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.04	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:55	300	0.5	84.24	--	0	7.27	1545	27	2.67	22.1	99.8
09:59	300	0.5	84.40	--	2	7.14	1546	16	2.38	23.2	103.9
10:03	300	0.5	84.40	--	4	7.13	1554	5	2.42	23.3	104.1
10:07	300	0.5	84.40	--	6	7.13	1545	4	2.32	23.3	104.4
10:11	300	0.5	84.40	--	8	7.12	1550	3	2.34	23.3	104.9
10:15	300	0.5	84.40	--	10	7.12	1547	3	2.32	23.3	105.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-43S-Q221	Sample Time:	10:16	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-43S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-44D	Date	4/23/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120.8 to 130.8	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	93.92	Total Depth (ft-bmp)	129.21	Water Column (ft) 35.29
		Gallons in Well	8.96	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.00	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:03	300	0.5	95.03	--	1.5	6.76	977	9	3.17	20.2	93.9
10:06	300	0.5	95.03	--	3	6.84	958	7	3.22	21.9	93.1
10:09	300	0.5	95.03	--	4.5	6.87	964	5	2.98	22.5	93.2
10:12	300	0.5	95.03	--	6	6.87	965	5	2.95	22.7	93.2
10:15	300	0.5	96.03	--	7.5	6.87	964	5	2.85	22.8	93.3
10:18	300	0.5	96.03	--	9	6.87	964	5	2.84	22.8	93.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-44D-Q221	Sample Time:	10:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-758-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-MW-44D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-MW-44S	Date	4/23/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91.3 to 106.3	Casing Diameter (in.) 4
				Well Casing Material PVC
Static Water Level (ft-bmp)	95.51	Total Depth (ft-bmp)	105.22	Water Column (ft) 9.71
				Gallons in Well 6.31
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.43	Did Well Dewater?	no	
Gallons Purged	9.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:19	300	0.5	97.51	--	1.5	6.88	1011	9	0.96	20.5	93
09:22	300	0.5	97.51	--	3	6.89	1016	7	0.88	21.7	92.1
09:25	300	0.5	97.51	--	4.5	6.93	1022	5	0.62	22.7	91
09:28	300	0.5	97.51	--	6	6.96	1029	3	0.37	23.3	89.8
09:31	300	0.5	97.51	--	7.5	6.97	1027	3	0.31	23.5	88.9
09:34	300	0.5	97.51	--	9	6.97	1022	3	0.29	23.5	88.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-MW-44S-Q221	Sample Time:	09:36	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	0	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-MW-44S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-RW-22	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 140	Casing Diameter (in.) 6
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:35	300	1	--	--	5	7.25	1153	1	2.6	22.3	101

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-RW-22-Q221	Sample Time:	14:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	0	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-RW-22



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-RW-23	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	83 to 140	Casing Diameter (in.) 6
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	140	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:20	300	1	--	--	5	6.73	1442	50	1.31	23.6	89.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-RW-23-Q221	Sample Time:	02:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	16	Without Filter Turbidity:	50	Double Filter Turbidity:	3
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-RW-23



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-RW-25	Date	4/20/2021
Site Location	Hinkley	Sampled by	Andrew Pham
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	78 to 145
		Casing Diameter (in.)	6
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no
Gallons Purged	5.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:05	300	1	--	--	5	6.78	1250	1	4.46	21.8	94.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-RW-25-Q221	Sample Time:	14:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	0	Without Filter Turbidity:	1	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-RW-25



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-RW-47	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 130	Casing Diameter (in.)	6
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	--	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:24	300	1	--	--	5	7.24	928	3	1.96	20.7	86.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-RW-47-Q221	Sample Time:	13:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

SA-RW-47

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-RW-53	Date	4/5/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --	Casing Diameter (in.)	6
				Well Casing Material	PVC
Static Water Level (ft-bmp)	100.42	Total Depth (ft-bmp)	117.49	Water Column (ft)	17.07
				Gallons in Well	24.96
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-RW-53



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-RW-57	Date	4/21/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105	Casing Diameter (in.) 5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	--	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:19	300	1	--	--	5	7.21	1398	3	4.98	23.4	119.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-RW-57-EXT-Q221	Sample Time:	13:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

SA-RW-57



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-SM-01D	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 140	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	91.19	Total Depth (ft-bmp)	137.68	Water Column (ft)	46.49
				Gallons in Well	7.55
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.59	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:33	0.5	98.54	--	2	7.3	1096	117	0.44	21.8	-146.2
13:37	0.5	98.62	--	4	7.37	1064	70	0.14	22.6	-174.9
13:41	0.5	98.69	--	6	7.37	1089	22	0.11	23	-186
13:45	0.5	98.70	--	8	7.38	1081	9	0.1	23.4	-188.2
13:49	0.5	98.69	--	10	7.37	1079	7	0.09	23.3	-191.4
13:53	0.5	98.71	--	12	7.38	1080	6	0.08	23.4	-194.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-SM-01D-Q221	Sample Time:	13:54	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-SM-01D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-SM-01S	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	93.78	Total Depth (ft-bmp)	98.76	Water Column (ft)	4.98
				Gallons in Well	0.81
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	2.96	Did Well Dewater?	no		
Gallons Purged	2.40				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:12	0.1	93.87	--	0.4	7.06	673	87	1.58	22.9	-100.8
14:16	0.1	93.87	--	0.8	7	1159	36	0.75	22.3	-111.1
14:20	0.1	93.78	--	1.2	7	1166	14	0.68	22	-114.1
14:24	0.1	93.78	--	1.6	6.99	1166	10	0.83	22.1	-116.8
14:28	0.1	93.70	--	2	6.98	1164	8	0.83	22.1	-116.8
14:32	0.1	93.71	--	2.4	6.97	1163	7	0.86	22.1	-115.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-SM-01S-Q221	Sample Time:	14:33	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SA-SM-01S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SA-SM-02S	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	94.14	Total Depth (ft-bmp)	98.76	Water Column (ft)	4.62
				Gallons in Well	0.75
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	2.67	Did Well Dewater?	no		
Gallons Purged	2.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
15:08	0.1	94.20	--	0.4	7.56	549	34	0.51	22.3	-7.3
15:12	0.1	94.21	--	0.8	7.45	547	13	0.79	21.8	-1.8
15:16	0.1	94.21	--	1.2	7.39	550	10	0.65	21.8	-4.9
15:20	0.1	94.21	--	1.6	7.39	551	8	0.59	21.8	-11.1
15:24	0.1	94.21	--	2	7.37	552	6	0.56	21.8	-13.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-SM-02S-Q221	Sample Time:	15:25	Field Filtered?	yes
Duplicate ID:	MW-956-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	SA-SM-02S-Q221-MS/MSD
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

SA-SM-02S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Well ID	SA-SM-03SR	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	89 to 104	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	96.64	Total Depth (ft-bmp)	103.17	Water Column (ft)	6.53
				Gallons in Well	4.24
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	2.12	Did Well Dewater?	no		
Gallons Purged	9.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:37	0.25	97.08	--	1	7.29	997	568	0.12	22.2	-165.3
12:41	0.25	97.11	--	4	7.3	971	362	0.08	22.6	-171.7
12:45	0.25	97.12	--	3	7.29	904	142	0.3	23.8	-150.7
12:49	0.25	97.14	--	4	7.29	889	83	0.37	24	-138.9
12:53	0.25	97.15	--	5	7.33	884	46	0.4	24.1	-135.5
12:57	0.25	97.17	--	6	7.27	886	35	0.44	24.2	-131.8
13:01	0.25	97.90	--	7	7.28	888	32	0.5	24.3	-129.4
13:05	0.25	97.20	--	8	7.28	890	30	0.53	24.3	-127.9
13:09	0.25	97.22	--	9	7.28	892	33	0.57	24.4	-126.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>SA-SM-03SR-Q221</u>	Sample Time:	<u>13:10</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>4</u>	Without Filter Turbidity:	<u>33</u>	Double Filter Turbidity:	<u>3</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

SA-SM-03SR



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-SM-06S	Date	4/22/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	94.89	Total Depth (ft-bmp)	104.83	Water Column (ft)	9.94	Gallons in Well	1.62
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump		
Well Volumes Purged	1.03	Did Well Dewater?	no				
Gallons Purged	1.66						

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:35	300	95.11	1500	--	7.19	846	346	4.62	22.9	108.1
12:39	300	95.11	2700	--	7.17	844	87	4.48	22.8	107.7
12:43	300	95.11	3900	--	7.16	842	36	4.29	22.8	107.5
12:47	300	95.11	5400	--	7.14	841	33	4.29	22.9	107.4
12:51	300	95.11	6300	--	7.13	842	33	4.03	22.8	107.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-SM-06S-P-Q221	Sample Time:	12:53	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B (Boron and Sodium)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	33	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-SM-06S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SA-SM-08D	Date	4/22/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 125	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	86.54	Total Depth (ft-bmp)	123.93	Water Column (ft)	37.39
				Gallons in Well	6.08
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.39	Did Well Dewater?	no		
Gallons Purged	2.40				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:11	0.1	86.59	--	0.4	7.39	1073	30	1.07	22.2	-165.4
11:15	0.1	86.60	--	0.8	7.35	1091	18	0.36	22.6	-213.3
11:19	0.1	86.60	--	1.2	7.37	1093	12	0.3	22.8	-225.9
11:23	0.1	86.60	--	1.6	7.36	1098	13	0.23	22.7	-236.8
11:27	0.1	86.60	--	2	7.35	1100	13	0.22	23	-242.8
11:31	0.1	86.60	--	2.4	7.35	1102	12	0.21	22.9	-246.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SA-SM-08D-Q221	Sample Time:	11:32	Field Filtered?	yes
Duplicate ID:	MW-939-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	4	Without Filter Turbidity:	12	Double Filter Turbidity:	3
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SA-SM-08D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-IW-40	Date	6/4/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	97 to 127
		Casing Diameter (in.)	6
		Well Casing Material	PVC
Static Water Level (ft-bmp)	99.9	Total Depth (ft-bmp)	129.8
		Water Column (ft)	29.9
		Gallons in Well	43.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric
		Purging Equipment	Grundfos RF2
Well Volumes Purged	3.20	Did Well Dewater?	no
Gallons Purged	140.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:27	500	2	99.90	--	0	6.8	1221	26	0.42	22.6	-97.9
07:37	500	2	100.30	--	20	6.78	1235	17	0.3	23.1	-89.3
07:47	500	2	100.30	--	40	6.78	1235	9	0.25	23.2	-92.1
07:57	500	2	100.30	--	60	6.77	1235	6	0.26	23.2	-94.9
08:07	500	2	100.30	--	80	6.77	1237	5	0.25	23.2	-95.3
08:17	500	2	100.30	--	100	6.76	1237	5	0.25	23.2	-97.1
08:27	500	2	100.30	--	120	6.76	1238	4	0.24	23.2	-98
08:37	500	2	100.30	--	140	6.76	1238	4	0.24	23.2	-98.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-IW-40-RE-0621	Sample Time:	08:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-IW-40



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-01D	Date	4/21/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 145	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.8	Total Depth (ft-bmp)	144.18	Water Column (ft)	39.38
				Gallons in Well	6.4
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.88	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:28	0.5	106.03	--	2	7.63	937	308	4.71	19.9	175.1
14:32	0.5	106.05	--	4	7.62	942	72	4.59	21.3	146.8
14:36	0.5	106.09	--	6	7.61	941	17	4.61	21.5	142.4
14:40	0.5	106.11	--	8	7.61	943	8	4.59	21.5	138.4
14:44	0.5	106.14	--	10	7.6	945	7	4.56	21.6	131.8
14:48	0.5	106.15	--	12	7.61	946	5	4.52	21.6	129.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-01D-Q221	Sample Time:	14:49	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-754-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-01D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-01S	Date	4/21/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	104.02	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-01S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-02D	Date	5/7/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 145	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	106.64	Total Depth (ft-bmp)	142.1	Water Column (ft) 35.46
Well Casing Material	PVC	Gallons in Well	5.76	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.04	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:08	500	0.25	106.64	--	0	7.26	1746	36	3.95	19.6	-31.9
08:12	500	0.25	106.72	--	1	7.25	1728	43	3.74	20	-32.6
08:16	500	0.25	106.72	--	2	7.2	1802	46	4.08	21.8	-27.7
08:20	500	0.25	106.72	--	3	7.19	1865	21	4.2	22.4	-26.3
08:24	500	0.25	106.72	--	4	7.19	1885	22	4.24	23.6	-26.4
08:28	500	0.25	106.72	--	5	7.18	1882	22	4.28	21.9	-25.4
08:32	500	0.25	106.72	--	6	7.18	1893	22	4.3	22	-23

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-02D-Q221	Sample Time:	08:33	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	23	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-02D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-02M	Date	5/7/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	96 to 111	Casing Diameter (in.) 4
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	103.34	Total Depth (ft-bmp)	111.35	Water Column (ft) 8.01
		Gallons in Well	5.21	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.15	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:28	500	0.25	103.34	--	0	7.75	1867	20	4.18	19.3	-63
07:32	500	0.25	103.39	--	1	7.54	1885	12	3.95	19.5	-54.2
07:36	500	0.25	103.39	--	2	7.44	1769	13	3.58	20.7	-41.7
07:40	500	0.25	103.39	--	3	7.43	1743	12	3.5	21.3	-39.1
07:44	500	0.25	103.39	--	4	7.41	1742	10	3.59	21.8	-37.7
07:48	500	0.25	103.39	--	5	7.4	1740	10	3.68	21.9	-35.6
07:52	500	0.25	103.39	--	6	7.4	1742	10	3.69	21.9	-33.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-02M-Q221	Sample Time:	07:53	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	10	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-02M



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-02S	Date	5/7/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	100.2	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-02S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-03D	Date	5/7/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 145	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	106.85	Total Depth (ft-bmp)	139.96	Water Column (ft) 33.11
Well Casing Material	PVC	Gallons in Well	5.38	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.02	Did Well Dewater?	no	
Gallons Purged	5.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:26	500	0.25	106.85	--	0	7.49	1019	106	4.39	20.1	-40.5
09:30	500	0.25	106.89	--	1	7.43	1034	58	5.09	20.7	-36.5
09:34	500	0.25	106.89	--	2	7.39	1039	23	5.15	21.7	-30.3
09:38	500	0.25	106.89	--	3	7.38	1043	11	5.1	22.2	-25.1
09:42	500	0.25	106.89	--	4	7.38	1042	11	5.12	22.2	-23.9
09:47	500	0.25	106.89	--	5.5	7.38	1042	11	5.07	22.2	-22.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-03D-Q221	Sample Time:	09:48	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 300.0 Orthophosphate, S M 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	EB-767-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	11	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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PHOTO LOG

SC-MW-03D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-03M	Date	5/7/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	98 to 113	Casing Diameter (in.) 4 Well Casing Material PVC
Static Water Level (ft-bmp)	105.41	Total Depth (ft-bmp)	113.43	Water Column (ft) 8.02 Gallons in Well 5.21
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.06	Did Well Dewater?	no	
Gallons Purged	5.50			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:51	500	0.25	105.41	--	0	7.75	1076	24	4.9	20.8	-43.7
08:55	500	0.25	105.47	--	1	7.52	1066	14	4.68	19.6	-39.5
08:59	500	0.25	105.47	--	2	7.43	1070	12	4.41	22.2	-36.8
09:03	500	0.25	105.47	--	3	7.43	1073	13	4.25	23.2	-37.8
09:07	500	0.25	105.47	--	4	7.42	1072	13	4.29	23.6	-38.9
09:12	500	0.25	105.47	--	5.5	7.42	1071	12	4.32	23.6	-39.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-03M-Q221	Sample Time:	09:13	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 300.0 Orthophosphate, S M 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	12	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-03M



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-03S	Date	5/7/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	99.82	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-03S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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Well ID	SC-MW-04D	Date	5/7/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 140	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	105.81	Total Depth (ft-bmp)	138.18	Water Column (ft)	32.37
				Gallons in Well	5.26
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.90	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:57	0.5	107.29	--	2	7.6	1095	41	5.85	18.9	120.4
08:01	0.5	107.30	--	4	7.55	1073	17	5.27	20.3	97.2
08:05	0.5	107.30	--	6	7.55	1060	9	5.23	20.4	94.3
08:09	0.5	107.31	--	8	7.56	1082	7	5.21	20.4	91.7
08:13	0.5	107.30	--	10	7.55	1083	6	5.19	20.6	90.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-04D-Q221	Sample Time:	08:14	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

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SC-MW-04D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-04S	Date	5/7/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.98	Total Depth (ft-bmp)	105.6	Water Column (ft)	0.62
				Gallons in Well	0.1
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Insufficient

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-04S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-05D	Date	4/23/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 140	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	102.87	Total Depth (ft-bmp)	136.8	Water Column (ft)	33.93
				Gallons in Well	5.51
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.81	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:55	0.5	104.03	--	2	7.42	1028	412	5.59	19	71.9
08:59	0.5	104.05	--	4	7.38	1033	47	5.96	21	74.6
09:03	0.5	104.07	--	6	7.37	1037	10	5.99	21	74.7
09:07	0.5	104.08	--	8	7.39	1034	8	5.95	21	74.1
09:11	0.5	104.09	--	10	7.37	1033	9	5.97	21	75.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-05D-Q221	Sample Time:	09:12	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-05D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-05S	Date	4/23/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 110	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	101.77	Total Depth (ft-bmp)	108.5	Water Column (ft)	6.73
				Gallons in Well	1.09
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	4.59	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:29	0.25	102.43	--	1	7.25	1471	392	4.48	19.3	79.3
09:33	0.25	102.44	--	2	7.26	1467	53	4.48	19.5	77.8
09:37	0.25	102.44	--	3	7.23	1469	9	4.41	20.4	76.3
09:41	0.25	102.45	--	4	7.24	1465	7	4.37	21.5	75
09:45	0.25	102.46	--	5	7.25	1468	8	4.34	21.9	73.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-05S-Q221	Sample Time:	09:46	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-05S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-06D	Date	4/23/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 145	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	101.01	Total Depth (ft-bmp)	144.11	Water Column (ft)	43.1
Well Casing Material	PVC	Gallons in Well	7		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.71	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:16	0.5	102.26	--	2	7.28	1337	92	3.5	20.3	70.4
10:20	0.5	102.29	--	4	7.27	13.99	42	3.54	21.6	73.7
10:24	0.5	102.30	--	6	7.27	1406	18	3.58	21.5	75.3
10:28	0.5	102.32	--	8	7.25	1408	10	3.56	21.9	74.3
10:32	0.5	102.34	--	10	7.25	1412	8	3.59	21.8	75.8
10:36	0.5	102.35	--	12	7.26	1415	7	3.61	21.8	76.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-06D-Q221	Sample Time:	10:37	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-06D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID SC-MW-06S Date 4/23/2021

Site Location	Hinkley	Sampled by		Brian Martinez			
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 115	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	100.08	Total Depth (ft-bmp)	110.64	Water Column (ft)	10.56	Gallons in Well	1.72
Water Quality Meter Make/Model	Hach 2100Q,YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment		Grundfos RF2	
Well Volumes Purged	4.65	Did Well Dewater?	no				
Gallons Purged	8.00						

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:54	0.25	101.39	--	1	7.28	1535	709	4.51	19.8	81.8
10:58	0.25	101.43	--	2	7.24	1515	482	4.77	21.6	82.1
11:02	0.25	101.42	--	3	7.24	1583	129	4.9	21.5	83.7
11:06	0.25	101.44	--	4	7.23	1582	38	4.89	21.6	83.8
11:10	0.25	101.46	--	5	7.25	1577	15	4.92	21.6	84.3
11:14	0.25	101.47	--	6	7.23	1586	9	4.94	21.5	84.7
11:18	0.25	101.45	--	7	7.25	1576	8	4.94	21.5	85.1
11:22	0.25	101.46	--	8	7.24	1580	6	4.97	21.5	85.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>SC-MW-06S-Q221</u>	Sample Time:	<u>11:23</u>	Field Filtered?	<u>yes</u>
Duplicate ID:	<u>--</u>	Analytes and Methods:	<u>EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)</u>	MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>EB-759-Q221</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>6</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

SC-MW-06S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-07D	Date	5/7/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 145	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	99.88	Total Depth (ft-bmp)	142.82	Water Column (ft)	42.94
				Gallons in Well	6.98
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.43	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:49	0.5	101.68	--	2	7.48	1434	974	4.38	20.3	104
08:53	0.5	101.68	--	4	7.48	1432	66	4.25	21.1	86.7
08:57	0.5	101.70	--	6	7.48	1437	9	4.22	21.3	87
09:01	0.5	101.70	--	8	7.47	1438	7	4.24	21.4	87.5
09:05	0.5	101.70	--	10	7.48	1432	5	4.25	21.4	88.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-07D-Q221	Sample Time:	09:06	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

SC-MW-07D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-07S	Date	5/7/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 115	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	99.86	Total Depth (ft-bmp)	112.72	Water Column (ft)	12.86
				Gallons in Well	2.09
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	2.39	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:28	0.25	100.33	--	1	7.46	1565	559	4.52	21.3	101.2
09:32	0.25	100.34	--	2	7.46	1567	52	4.43	22.1	90.9
09:36	0.25	101.34	--	3	7.45	1574	10	4.37	22.3	83.1
09:40	0.25	100.34	--	4	7.45	1571	8	4.34	22.3	81.2
09:44	0.25	100.34	--	5	7.45	1577	7	4.31	22.3	78.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-07S-Q221	Sample Time:	09:45	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-768-Q221	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-07S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-09D	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 135	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	107.55	Total Depth (ft-bmp)	133.92	Water Column (ft)	26.37
				Gallons in Well	4.28
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.17	Did Well Dewater?	no		
Gallons Purged	5.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:08	0.25	108.27	--	1	7.49	1259	80	4.31	24.1	67.9
14:12	0.25	108.28	--	2	7.5	1236	32	4.04	22.1	64.8
14:16	0.25	108.28	--	3	7.52	1312	8	4.01	23.5	58.8
14:20	0.25	108.30	--	4	7.52	1313	6	4.02	23.9	58.7
14:24	0.25	108.31	--	5	7.49	1315	5	4.07	24.2	61.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-09D-Q221	Sample Time:	14:25	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-09D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-10D	Date	4/23/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 145	Casing Diameter (in.) 2
				Well Casing Material PVC
Static Water Level (ft-bmp)	104.14	Total Depth (ft-bmp)	139.42	Water Column (ft) 35.28
				Gallons in Well 5.73
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.05	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:35	300	0.25	106.65	--	1	6.93	1170	446	4.92	20.2	92.6
08:39	300	0.25	106.65	--	2	6.99	1184	86	5.06	21.9	93.2
08:43	300	0.25	106.65	--	3	6.99	1192	29	5.08	21.9	93.4
08:47	300	0.25	106.65	--	4	6.99	1195	10	5.05	21.9	93.6
08:51	300	0.25	106.66	--	5	6.99	1196	10	5.07	21.9	93.7
08:55	300	0.25	106.66	--	6	6.99	1198	9	5.06	21.9	93.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-10D-Q221	Sample Time:	08:57	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-10D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-10S	Date	4/23/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 115	Casing Diameter (in.) 2
				Well Casing Material PVC
Static Water Level (ft-bmp)	101.72	Total Depth (ft-bmp)	113.71	Water Column (ft) 11.99
				Gallons in Well 1.95
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	3.08	Did Well Dewater?	no	
Gallons Purged	6.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:57	300	0.25	102.45	--	1	7.01	981	1000	5.39	19.5	97.1
08:01	300	0.25	102.50	--	2	7.03	981	657	5.51	22.2	92.7
08:05	300	0.25	102.50	--	3	7.03	995	204	5.37	22.3	92.5
08:09	300	0.25	102.50	--	4	7.02	993	20	5.26	22.3	92.6
08:13	300	0.25	102.50	--	5	7.02	989	20	5.24	22.6	92.6
08:17	300	0.25	102.50	--	6	7.02	992	18	5.26	22.9	92.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-10S-Q221	Sample Time:	08:19	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	18	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-10S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-11D	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 145	Casing Diameter (in.) 2
Static Water Level (ft-bmp)	99.63	Total Depth (ft-bmp)	146	Water Column (ft) 46.37
Well Casing Material	PVC	Gallons in Well	7.53	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.33	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:18	200	0.5	99.63	--	0	7.89	408	556	0.35	22.1	-12.8
12:22	200	0.5	99.77	--	2	7.79	407	104	0.19	23.1	-27
12:26	200	0.5	99.77	--	4	7.72	408	25	0.12	24.2	-32.9
12:30	200	0.25	99.77	--	6	7.7	408	9	0.09	24.6	-36.5
12:34	200	0.5	99.77	--	8	7.67	408	9	0.07	24.6	-42.4
12:38	200	0.5	99.77	--	10	7.66	408	9	0.06	24.6	-46.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-11D-Q221	Sample Time:	12:39	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	9	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-11D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-11SR	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	92.5 to 107.5	Casing Diameter (in.) 4
Static Water Level (ft-bmp)	99.51	Total Depth (ft-bmp)	107.11	Water Column (ft) 7.6
Well Casing Material	PVC	Gallons in Well	4.94	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:42	200	0.25	99.51	--	0	7.7	1118	33	5.31	23	30.9
11:46	200	0.25	99.63	--	1	7.64	1123	39	5.52	22.4	34.3
11:50	200	0.25	99.63	--	2	7.63	1119	38	5.42	22.5	31.7
11:54	200	0.25	99.63	--	3	7.59	1117	39	4.89	26	31.4
11:58	200	0.25	99.63	--	4	7.61	1115	40	4.69	26.8	29.7
12:02	200	0.25	99.63	--	5	7.64	1117	40	4.7	26.9	26.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-11SR-Q221	Sample Time:	12:03	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	40	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-11SR



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-12D	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Riggie Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 145	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	96.8	Total Depth (ft-bmp)	143.62	Water Column (ft) 46.82
		Gallons in Well	7.61	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.31	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:14	200	0.5	96.80	--	0	7.76	413	122	0.39	21.4	-6.4
10:18	200	0.5	96.93	--	2	7.63	412	106	0.14	22.8	-17.7
10:22	200	0.5	97.02	--	4	7.61	413	21	0.08	23.7	-30.6
10:26	200	0.5	97.08	--	6	7.6	413	17	0.07	23.8	-46.4
10:30	200	0.5	97.10	--	8	7.58	413	17	0.05	23.9	-48.7
10:34	200	0.5	97.11	--	10	7.56	413	17	0.05	24	-53.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-12D-Q221	Sample Time:	10:35	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 300.0 Orthophosphate, S M 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	17	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-12D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-12S	Date	4/15/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	94.42	Total Depth (ft-bmp)	100.55	Water Column (ft)	6.13
Well Casing Material	PVC	Gallons in Well	1		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	1.06	Did Well Dewater?	no		
Gallons Purged	1.06				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:49	200	94.42	0	--	7.55	897	56	4.68	20.6	-2.3
10:53	200	94.48	800	--	7.48	1037	38	4.82	20.9	9.3
10:57	200	94.46	1600	--	7.47	1070	36	4.35	21.1	12.2
11:01	200	94.47	2400	--	7.47	1095	35	4.23	21.4	13.1
11:05	200	94.47	3200	--	7.47	1093	34	4.2	21.4	16.8
11:09	200	94.47	4000	--	7.47	1094	34	4.44	21.3	17.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-12S-Q221	Sample Time:	11:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	34	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-12S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-13D	Date	4/15/2021				
Site Location	Hinkley	Sampled by	Riggie Tep				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 140	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	96.33	Total Depth (ft-bmp)	136.1	Water Column (ft)	39.77	Gallons in Well	6.46
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.01	Did Well Dewater?	no				
Gallons Purged	6.50						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:25	200	0.25	96.33	--	0	8.1	462	18	1.4	21.6	0.3
09:29	200	0.25	96.43	--	1	7.89	462	24	0.97	21.4	3
09:33	200	0.25	96.43	--	2	7.91	465	7	1.41	23.4	-10.3
09:37	200	0.25	96.43	--	3	7.86	466	5	1.55	23.9	-10.3
09:41	200	0.25	96.43	--	4	7.84	467	6	1.63	24.4	-10.7
09:45	200	0.25	96.43	--	5	7.78	467	2	1.72	24.8	-9
09:50	200	0.25	96.43	--	6.5	7.77	468	2	1.85	24.8	-7.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-13D-Q221	Sample Time:	09:51	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-13D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-13S	Date	4/15/2021		
Site Location	Hinkley	Sampled by	Riggie Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	90 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	93.2	Total Depth (ft-bmp)	105.48	Water Column (ft)	12.28
				Gallons in Well	2
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	0.53	Did Well Dewater?	no		
Gallons Purged	1.06				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:05	200	93.20	0	--	8.11	1362	22	1.96	17.5	-25.5
08:09	200	93.31	800	--	7.42	1399	10	1.25	18.9	-3
08:13	200	93.38	1600	--	7.28	1400	8	2.68	19.1	4.3
08:17	200	93.40	2400	--	7.16	1391	7	3.26	19.3	18.8
08:21	200	93.44	3200	--	7.1	1388	7	3.28	19.1	20.1
08:25	200	93.46	4000	--	7.09	1384	7	3.49	19.3	22.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

PG&E Groundwater Sampling Form

Sample ID:	<u>SC-MW-13S-Q221</u>	Sample Time:	<u>08:26</u>	Field Filtered?	<u>yes</u>
			EPA 200.8 Uranium, EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Duplicate ID:	<u>MW-940-Q221</u>	Analytes and Methods:		MS/MSD ID:	<u>--</u>
Ambient Blank ID:	<u>--</u>	Equipment Blank ID:	<u>--</u>	Trip Blank ID:	<u>--</u>
Single Filter Turbidity:	<u>1</u>	Without Filter Turbidity:	<u>7</u>	Double Filter Turbidity:	<u>--</u>
Triple Filter Turbidity:	<u>--</u>				

PHOTO LOG

SC-MW-13S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-14D	Date	4/20/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 140
		Casing Diameter (in.)	2
		Well Casing Material	PVC
Static Water Level (ft-bmp)	101.21	Total Depth (ft-bmp)	138.81
		Water Column (ft)	37.6
		Gallons in Well	6.11
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric
		Purging Equipment	Grundfos RF2
Well Volumes Purged	1.64	Did Well Dewater?	no
Gallons Purged	10.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:05	300	0.5	101.21	--	0	7.33	1078	207	3.56	19.2	97.7
12:09	300	0.5	101.50	--	2	7.24	1131	45	4.97	19.6	92.9
12:13	300	0.5	101.50	--	4	7.19	1157	25	5.03	21.1	84.1
12:17	300	0.5	101.50	--	6	7.18	1159	9	5.11	21.1	84.8
12:21	300	0.5	101.50	--	8	7.18	1158	8	5.12	21.2	83.7
12:25	300	0.5	101.50	--	10	7.18	1157	8	5.17	21.3	83.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-14D-Q221	Sample Time:	12:26	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-14D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-14S	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	99.76	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		
Gallons Purged					

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-14S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-15D	Date	4/20/2021
Site Location	Hinkley	Sampled by	Nara Tep
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	0 to 0
		Casing Diameter (in.)	2
		Well Casing Material	PVC
Static Water Level (ft-bmp)	102.01	Total Depth (ft-bmp)	136.2
		Water Column (ft)	34.19
		Gallons in Well	5.56
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric
		Purging Equipment	Grundfos RF2
Well Volumes Purged	1.80	Did Well Dewater?	no
Gallons Purged	10.00		

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:49	300	0.5	102.01	--	0	7.44	923	134	4.97	19.4	113.9
13:53	300	0.5	102.30	--	2	7.31	921	38	4.6	20.1	92.8
13:57	300	0.5	102.30	--	4	7.3	920	17	4.68	20.3	90.3
14:01	300	0.5	102.30	--	6	7.3	921	9	4.65	20.5	88.2
14:05	300	0.5	102.30	--	8	7.29	919	8	4.68	20.5	87.1
14:09	300	0.5	102.30	--	10	7.29	921	8	4.7	20.6	86.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-15D-Q221	Sample Time:	14:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-751-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-15D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-16D	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Nara Tep	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	123 to 143	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	103.07	Total Depth (ft-bmp)	141.91	Water Column (ft) 38.84
		Gallons in Well	6.31	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Volumetric	Purging Equipment
				Grundfos RF2
Well Volumes Purged	1.58	Did Well Dewater?	no	
Gallons Purged	10.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:57	300	0.5	103.07	--	2	7.27	995	109	3.56	19.7	101.9
13:01	300	0.5	103.90	--	2	7.15	978	41	3.3	20.2	92.8
13:05	300	0.5	103.90	--	4	7.15	1092	17	4.12	20.3	87.6
13:09	300	0.5	103.90	--	6	7.15	1090	9	4.16	20.3	87.7
13:13	300	0.5	103.90	--	8	7.15	1089	8	4.18	20.3	86.9
13:17	300	0.5	103.90	--	10	7.14	1088	8	4.19	20.3	86.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-16D-Q221	Sample Time:	13:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-16D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-21D	Date	4/20/2021				
Site Location	Hinkley	Sampled by	Andrew Pham				
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	130 to 155	Casing Diameter (in.)	2	Well Casing Material	PVC
Static Water Level (ft-bmp)	93.72	Total Depth (ft-bmp)	154.33	Water Column (ft)	60.61	Gallons in Well	9.85
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2		
Well Volumes Purged	1.02	Did Well Dewater?	no				
Gallons Purged	10.00						

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:14	300	0.5	95.18	--	2	7.66	418	705	0.68	24.4	131.2
11:18	300	0.5	95.18	--	4	7.45	412	203	0.63	24.7	123.5
11:22	300	0.5	95.18	--	6	7.31	416	14	0.44	26.1	104.5
11:26	300	0.5	98.11	--	8	7.31	417	14	0.41	26.2	103.6
11:30	300	0.5	98.11	--	10	7.29	417	13	0.38	26.3	102.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-21D-Q221	Sample Time:	11:31	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	13	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-21D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-21S	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.) 2
				Well Casing Material PVC
Static Water Level (ft-bmp)	93.27	Total Depth (ft-bmp)	99.63	Water Column (ft) 6.36
				Gallons in Well 1.03
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	4.85	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:57	300	0.25	94.33	--	1	6.88	1735	114	4.6	24.5	107.7
12:01	300	0.25	94.33	--	2	6.91	1747	31	4.55	26.1	106.9
12:05	300	0.25	94.33	--	3	6.91	1744	18	4.53	26.5	106.8
12:09	300	0.25	94.35	--	4	6.91	1747	17	4.42	26.7	106.7
12:13	300	0.25	94.35	--	5	6.93	1751	17	4.56	26.6	106.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-21S-Q221	Sample Time:	12:15	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	17	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-21S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-22S	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 105	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	95.22	Total Depth (ft-bmp)	104.83	Water Column (ft) 9.61
		Gallons in Well	1.56	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	3.21	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:50	300	0.25	96.69	--	1	6.74	2533	375	0.44	27.9	93.6
12:54	300	0.25	96.69	--	2	6.73	2539	89	0.4	28.1	94.5
12:58	300	0.25	96.69	--	3	6.73	2530	30	0.4	28.4	94.5
13:02	300	0.25	96.69	--	4	6.72	2525	30	0.39	28.5	94.3
13:06	300	0.25	96.69	--	5	6.72	2520	28	0.38	28.6	94.2

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-22S-Q221	Sample Time:	01:08	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	28	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-22S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-23S	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Andrew Pham	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 105	Casing Diameter (in.) 2
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	92.43	Total Depth (ft-bmp)	103.81	Water Column (ft) 11.38
		Gallons in Well	1.85	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment
				Grundfos RF2
Well Volumes Purged	2.70	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:31	300	0.25	93.39	--	1	6.93	1875	301	1.6	24.3	92.7
13:35	300	0.25	93.39	--	2	6.79	1828	105	0.63	24.1	89.3
13:39	300	0.25	93.39	--	3	6.76	1817	36	0.59	24.1	86.4
13:43	300	0.25	93.39	--	4	6.72	1812	35	0.58	23.9	84.5
13:47	300	0.25	93.39	--	5	6.72	1807	33	0.54	23.8	83.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-23S-Q221	Sample Time:	13:49	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	33	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-23S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-26D	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 135	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	98.18	Total Depth (ft-bmp)	131.11	Water Column (ft)	32.93
				Gallons in Well	5.35
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.12	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:19	0.25	100.30	--	1	7.45	1275	14	0.79	19.4	67.3
08:23	0.25	100.33	--	2	7.42	1278	11	0.68	19.8	69.2
08:27	0.25	100.34	--	3	7.41	1297	9	0.55	20.2	65.8
08:31	0.25	100.30	--	4	7.39	1292	8	0.51	20.8	58.8
08:35	0.25	100.37	--	5	7.4	1298	7	0.5	21.1	55.1
08:39	0.25	100.39	--	6	7.39	1295	6	0.47	21.3	51.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-26D-Q221	Sample Time:	08:40	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-26D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-26S	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	97.49	Total Depth (ft-bmp)	102.06	Water Column (ft)	4.57
				Gallons in Well	0.74
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	3.24	Did Well Dewater?	no		
Gallons Purged	2.40				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:10	0.1	97.60	--	0.4	7.44	1506	28	1.83	21.6	-76
09:14	0.1	97.61	--	0.8	7.42	1516	17	0.86	20.7	-88.4
09:18	0.1	97.61	--	1.2	7.42	1510	11	0.52	20.7	-94.4
09:22	0.1	97.61	--	1.6	7.43	1516	8	0.49	21	-99.1
09:26	0.1	97.61	--	2	7.42	1518	7	0.47	21.3	-102.3
09:30	0.1	97.61	--	2.4	7.42	1514	7	0.46	21.4	-104.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-26S-Q221	Sample Time:	09:31	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	7	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-26S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-32S	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Nara Tep		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	97.21	Total Depth (ft-bmp)	105.22	Water Column (ft)	8.01
				Gallons in Well	1.3
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Bladder Pump
Well Volumes Purged	1.22	Did Well Dewater?	no		
Gallons Purged	1.59				

Time	Rate (mL/min)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:17	300	97.21	0	--	7.12	1445	45	4.65	20.9	73.9
10:21	300	97.40	1200	--	7.09	1451	31	4.11	20.8	82.4
10:25	300	97.40	2400	--	7.05	1464	17	4.06	20.7	86.5
10:29	300	97.40	3600	--	7.04	1465	9	4.02	20.8	86.4
10:33	300	97.40	4800	--	7.04	1467	8	4.01	20.8	87.2
10:37	300	97.40	6000	--	7.04	1471	8	4.04	20.8	87.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-32S-Q221	Sample Time:	10:38	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-32S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-38D	Date	5/5/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	115 to 140	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.48	Total Depth (ft-bmp)	138.22	Water Column (ft)	33.74
				Gallons in Well	5.48
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.09	Did Well Dewater?	no		
Gallons Purged	6.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:48	0.25	105.27	--	1	7.32	1211	74	4.63	23.2	111.6
10:52	0.25	105.27	--	2	7.51	1209	41	4.2	22.9	104.3
10:56	0.25	105.29	--	3	7.48	1212	20	4.16	23.2	103.4
11:00	0.25	105.30	--	4	7.5	1209	10	4.14	23.4	102.7
11:04	0.25	105.29	--	5	7.5	1213	9	4.11	23.5	101
11:08	0.25	105.30	--	6	7.5	1214	7	4.09	23.7	99.5

Comments: Field data only

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-38D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-38S	Date	5/5/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	80 to 100	Casing Diameter (in.)	2
				Well Casing Material	PVC
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	98.66	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	--	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
--	--	--	--	--	--		--	--	--

Comments: Dry

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	--	Sample Time:	--	Field Filtered?	--
Duplicate ID:	--	Analytes and Methods:	See sample chain of custody	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	--	Without Filter Turbidity:	--	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-38S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-42D	Date	4/16/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	121.2 to 131.2	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	95.35	Total Depth (ft-bmp)	130.74	Water Column (ft)	35.39
				Gallons in Well	8.99
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.11	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
08:27	0.5	97.11	--	2	7.16	1238	10	0.11	23	-131.4
08:31	0.5	97.12	--	4	7.2	1269	8	0.13	23.5	-133.6
08:35	0.5	97.13	--	6	7.14	1307	7	0.17	23.6	-129.5
08:39	0.5	97.13	--	8	7.12	1312	6	0.19	23.7	-124.8
08:43	0.5	97.14	--	10	7.11	1315	6	0.2	23.6	-124.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-42D-Q221	Sample Time:	08:44	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-42D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-42S	Date	4/16/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	102 to 117.45	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	93.98	Total Depth (ft-bmp)	116.78	Water Column (ft)	22.8
				Gallons in Well	14.82
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.21	Did Well Dewater?	no		
Gallons Purged	18.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
07:51	0.75	95.78	--	3	7.37	1180	138	0.21	21.8	-82.1
07:55	0.75	95.83	--	6	7.21	1182	46	0.18	22.7	-134.6
07:59	0.75	95.85	--	9	7.21	1184	14	0.24	23.2	-152
08:03	0.75	95.89	--	12	7.22	1195	9	0.25	23.5	-157.9
08:07	0.75	95.91	--	15	7.2	1207	8	0.28	23.5	-160.3
08:11	0.75	95.94	--	18	7.21	1205	8	0.29	23.7	-163.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-42S-Q221	Sample Time:	08:12	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PHOTO LOG

SC-MW-42S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-43S	Date	4/16/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	103 to 118	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	105.15	Total Depth (ft-bmp)	118.21	Water Column (ft)	13.06
Well Casing Material	PVC	Gallons in Well	8.49		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.18	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:04	0.5	105.83	--	2	7.39	1729	13	7.24	21.9	8.9
09:08	0.5	105.85	--	4	7.37	1723	8	6.89	23.8	19.3
09:12	0.5	105.86	--	6	7.36	1726	7	6.94	24.4	26.9
09:16	0.5	105.88	--	8	7.36	1729	5	6.98	24.6	32.7
09:20	0.5	105.88	--	10	7.35	1724	5	7.03	24.5	36.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-43S-Q221	Sample Time:	09:21	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	5	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-43S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-44S	Date	5/6/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	97 to 112	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	94.93	Total Depth (ft-bmp)	112.18	Water Column (ft)	17.25
				Gallons in Well	11.21
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.07	Did Well Dewater?	no		
Gallons Purged	12.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:57	0.5	95.40	--	2	7.5	1439	8	5.45	23.1	72.3
15:01	0.5	95.40	--	4	7.54	1462	5	5.42	23.3	76.9
15:05	0.5	95.41	--	6	7.61	1430	4	5.68	23.4	80.4
15:09	0.5	95.41	--	8	7.77	1454	4	6	23.6	78.9
15:13	0.5	95.42	--	10	7.8	1442	4	6.07	23.7	80.2
15:17	0.5	95.41	--	12	7.82	1447	4	6.09	23.8	82.5

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-44S-Q221	Sample Time:	15:18	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	MW-765-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

SC-MW-44S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-60D	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	117 to 127	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	94.17	Total Depth (ft-bmp)	125.44	Water Column (ft)	31.27
				Gallons in Well	7.94
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.26	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:30	0.5	94.96	--	2	7.67	1034	25	0.62	22.3	54.3
12:34	0.5	94.96	--	4	7.58	1038	12	0.3	21.8	23.8
12:38	0.5	94.97	--	6	7.57	1060	9	0.26	22.7	18.8
12:42	0.5	94.97	--	8	7.58	1071	8	0.23	22.7	16.7
12:46	0.5	94.97	--	10	7.56	1074	8	0.22	23.2	14.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-60D-Q221	Sample Time:	12:47	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-60D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-60S	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91 to 106	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	92.69	Total Depth (ft-bmp)	104.62	Water Column (ft)	11.93
				Gallons in Well	7.75
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.29	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:13	0.5	94.02	--	2	7.3	1362	32	0.07	23.6	-331.9
13:17	0.5	94.05	--	4	7.18	1352	16	0.07	23.8	-341.2
13:21	0.5	94.07	--	6	7.15	1349	9	0.06	24.1	-353.2
13:25	0.5	94.07	--	8	7.13	1336	8	0.06	24.4	-357.2
13:29	0.5	94.09	--	10	7.12	1333	8	0.05	24.6	-360.3

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-60S-Q221	Sample Time:	13:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	2	Without Filter Turbidity:	8	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-60S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-61D	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	120 to 130	Casing Diameter (in.)	2.5
				Well Casing Material	PVC
Static Water Level (ft-bmp)	95.11	Total Depth (ft-bmp)	128.41	Water Column (ft)	33.3
				Gallons in Well	8.45
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.18	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:30	0.5	97.59	--	2	7.6	1084	8	1.13	22.2	57.7
11:34	0.5	97.62	--	4	7.51	1113	6	0.3	23.7	22.6
11:38	0.5	97.63	--	6	7.49	1116	5	0.23	23.8	14.5
11:42	0.5	97.63	--	8	7.48	1123	5	0.2	23.9	9.8
23:46	0.5	97.64	--	10	7.46	1124	4	0.17	24.1	7.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-61D-Q221	Sample Time:	23:47	Field Filtered?	yes
Duplicate ID:	MW-941-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-61D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-61S	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94 to 109	Casing Diameter (in.)	4
				Well Casing Material	PVC
Static Water Level (ft-bmp)	93.69	Total Depth (ft-bmp)	107.6	Water Column (ft)	13.91
				Gallons in Well	9.04
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.11	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
14:11	0.5	95.17	--	2	7.51	1292	8	0.23	22.2	-186.5
14:15	0.5	95.19	--	4	7.45	1285	6	0.22	23	-185.4
14:19	0.5	95.19	--	6	7.42	1277	5	0.23	23.3	-184.2
14:23	0.6	95.20	--	8	7.39	1263	5	0.21	23.5	-188.2
14:27	0.5	97.19	--	10	7.38	1256	4	0.18	23.9	-191.8

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-61S-Q221	Sample Time:	14:28	Field Filtered?	yes
Duplicate ID:	MW-942-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	EB-752-Q221	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-61S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	SC-MW-62D	Date	4/20/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	118 to 128	Casing Diameter (in.) 2.5
		Well Casing Material	PVC	
Static Water Level (ft-bmp)	95.59	Total Depth (ft-bmp)	126.39	Water Column (ft) 30.8
		Gallons in Well	7.82	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment Grundfos RF2
Well Volumes Purged	0.64	Did Well Dewater?	no	
Gallons Purged	5.00			

Time	Rate (mL/min)	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:40	300	0.25	96.16	--	1	7.49	1356	8	0.15	21	19.9
10:44	300	0.25	96.19	--	2	7.5	1359	5	0.18	21.4	27.4
10:48	300	0.25	96.19	--	3	7.49	1367	4	0.17	21.8	28.6
10:52	300	0.25	96.17	--	4	7.48	1374	4	0.19	22.2	29.5
10:56	300	0.25	96.18	--	5	7.46	1370	4	0.19	22.5	-31.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-62D-Q221	Sample Time:	10:57	Field Filtered?	yes
Duplicate ID:	MW-943-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-62D



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form



Well ID	SC-MW-62S	Date	4/20/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	91.5 to 106.5	Casing Diameter (in.)	4
Static Water Level (ft-bmp)	95.97	Total Depth (ft-bmp)	105.51	Water Column (ft)	9.54
Well Casing Material	PVC	Gallons in Well	6.2		
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.61	Did Well Dewater?	no		
Gallons Purged	10.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:06	0.5	96.74	--	2	7.22	1373	9	0.15	21.1	-51
10:10	0.5	96.74	--	4	7.22	1332	7	0.15	22.1	-49.2
10:14	0.5	96.75	--	6	7.21	1324	6	0.18	22.3	-48.3
10:18	0.5	96.74	--	8	7.2	1313	6	0.21	22.3	-46.2
10:22	0.5	96.74	--	10	7.19	1312	6	0.22	23	-44.9

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	SC-MW-62S-Q221	Sample Time:	10:23	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	6	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

SC-MW-62S



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	X-04	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	99 to 109	Casing Diameter (in.) 5 Well Casing Material Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) -- Gallons in Well 0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:51	--	--	--	6.98	1099	2	0.04	22.3	93.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	X-04-Q221	Sample Time:	09:55	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

X-04



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	X-05	Date	4/15/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94 to 114	Casing Diameter (in.) 5
		Well Casing Material	Stainless Steel	
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
		Gallons in Well	0	
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
10:05	--	--	--	6.86	1014	3	3.12	23.4	71

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	X-05-Q221	Sample Time:	10:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

X-05



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	X-06	Date	4/13/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	99 to 109
		Casing Diameter (in.)	5
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:15	--	--	--	7.59	1029	3	7.03	23.7	95.7

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	X-06-Q221	Sample Time:	11:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

X-06



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	X-09	Date	4/15/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	94 to 114	Casing Diameter (in.)	5
				Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft)	--
				Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no		

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:27	--	--	--	7.15	1761	4	1.08	24.9	90.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	X-09-Q221	Sample Time:	11:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

X-09



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	X-12	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110 to 130	Casing Diameter (in.) 6
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
Well Casing Material	Stainless Steel			
Gallons in Well	0			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:03	--	--	--	7.31	1971	3	1.03	22.3	105.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	X-12-Q221	Sample Time:	12:10	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

X-12



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	X-13	Date	4/13/2021	
Site Location	Hinkley	Sampled by	Brian Martinez	
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	110.5 to 131	Casing Diameter (in.) 6
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--	Water Column (ft) --
Well Casing Material	Stainless Steel			
Well Casing Material	Stainless Steel			
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port	Purging Equipment
Well Volumes Purged	N/A	Did Well Dewater?	no	
Gallons Purged				

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
12:27	--	--	--	7.44	1569	4	0.92	21.5	73.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	X-13-Q221	Sample Time:	12:30	Field Filtered?	yes
Duplicate ID:	MW-944-Q221	Analytes and Methods:	EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SM 5310 B (Total Organic Carbon), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	4	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

X-13



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	X-16	Date	4/13/2021		
Site Location	Hinkley	Sampled by	Brian Martinez		
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	111.5 to 132	Casing Diameter (in.)	6
				Well Casing Material	PVC
Static Water Level (ft-bmp)	104.01	Total Depth (ft-bmp)	131.14	Water Column (ft)	27.13
				Gallons in Well	39.68
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Low-Flow	Purging Equipment	Grundfos RF2
Well Volumes Purged	1.01	Did Well Dewater?	no		
Gallons Purged	40.00				

Time	Rate (gpm)	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
13:12	2	104.70	--	8	7.49	1166	29	0.06	21.3	73.7
13:16	2	104.70	--	16	7.46	1173	7	0.04	21.3	63.1
13:20	2	104.71	--	24	7.45	1176	4	0.04	21.3	60.7
13:24	2	104.70	--	32	7.44	1185	4	0.05	21.3	58.7
13:28	2	104.70	--	40	7.43	1188	3	0.05	21.3	57.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	X-16-Q221	Sample Time:	13:29	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 300.0 (Inorganic Ions)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

X-16



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	Y-01	Date	4/8/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 105
		Casing Diameter (in.)	4
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no

Gallons Purged

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:00	--	--	--	6.21	4068	2	7.67	23.2	59.1

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	Y-01-Q221	Sample Time:	11:05	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	2	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

Y-01



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	Y-03	Date	4/8/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	85 to 110
		Casing Diameter (in.)	4
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
11:27	--	--	--	7.12	4542	3	9.8	22.6	82.6

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	Y-03-Q221	Sample Time:	11:30	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), EPA 900.0 (Radioactivity), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)		
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

PG&E Groundwater Sampling Form
PHOTO LOG

Y-03



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Well ID	YAU	Date	4/8/2021
Site Location	Hinkley	Sampled by	Brian Martinez
Measuring Point Description	Top of Casing	Screen Depth Interval (ft-bmp)	-- to --
		Casing Diameter (in.)	8
		Well Casing Material	Stainless Steel
Static Water Level (ft-bmp)		Total Depth (ft-bmp)	--
		Water Column (ft)	--
		Gallons in Well	0
Water Quality Meter Make/Model	Hach 2100Q, YSI Pro Plus	Purge Method	Extraction Port
		Purging Equipment	
Well Volumes Purged	N/A	Did Well Dewater?	no
Gallons Purged			

Time	Depth to Water (ft)	Total Volume purged (ml)	Total Volume purged (gal)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)
09:17	--	--	--	7.24	3141	3	7.41	20.6	80.4

Comments: --

Well Casing Volume Conversion

Well diameter (in.) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
 gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID:	YAU-Q221	Sample Time:	09:20	Field Filtered?	yes
Duplicate ID:	--	Analytes and Methods:	EPA 200.8 (Uranium), EPA 218.6 (Hexavalent Chromium), EPA 300.0 (Inorganic Ions), SM 2540 C (TDS), SW 6010B/6020/6020 A (Dissolved metals)	MS/MSD ID:	--
Ambient Blank ID:	--	Equipment Blank ID:	--	Trip Blank ID:	--
Single Filter Turbidity:	1	Without Filter Turbidity:	3	Double Filter Turbidity:	--
Triple Filter Turbidity:	--				

ft-bmp = feet below measuring point
 in. = inches
 ft = feet
 mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 PVC = Polyvinyl Chloride

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 -- = Not Applicable

YAU



ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Applicable

Appendix D

Groundwater Level Measurements (provided at Geotracker website

http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Table D-1
Groundwater Level Measurements
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
BW-01D	Deep Zone Upper Aquifer	07/08/2020	2200.34	92.13	2,108.21
		10/23/2020	2200.34	93.52	2,106.82
		12/03/2020	2200.34	93.91	2,106.43
		01/04/2021	2200.34	94.05	2,106.29
		04/16/2021	2200.34	93.02	2,107.32
BW-01S	Shallow Zone Upper Aquifer	07/08/2020	2200.35	89.81	2,110.54
		10/23/2020	2200.35	91.91	2,108.44
		12/03/2020	2200.35	92.47	2,107.88
		01/04/2021	2200.35	92.79	2,107.56
		04/16/2021	2200.35	93.44	2,106.91
CA-MW-101	Upper Aquifer	07/14/2020	2196.32	98.97	2,097.36
		10/22/2020	2196.32	101.02	2,095.31
		01/07/2021	2196.32	100.98	2,095.35
		05/03/2021	2196.32	103.36	2,092.97
CA-MW-102D	Deep Zone Upper Aquifer	07/14/2020	2193.55	92.33	2,101.22
		01/07/2021	2193.55	96.62	2,096.93
		05/03/2021	2193.55	nr	nr
CA-MW-102S	Shallow Zone Upper Aquifer	07/14/2020	2193.54	100.63	2,092.91
CA-MW-104D	Deep Zone Upper Aquifer	07/14/2020	2192.78	96.00	2,096.78
		01/07/2021	2192.78	100.43	2,092.35
CA-MW-105R	Upper Aquifer	07/14/2020	2190.48	101.50	2,088.98
		01/07/2021	2190.48	102.00	2,088.48
CA-MW-106D	Deep Zone Upper Aquifer	07/14/2020	2188.38	97.50	2,090.88
		01/07/2021	2188.38	97.52	2,090.86
CA-MW-107D	Deep Zone Upper Aquifer	07/14/2020	2187.34	98.22	2,089.12
		10/22/2020	2187.34	98.81	2,088.53
		01/07/2021	2187.34	99.41	2,087.93
		05/07/2021	2187.34	98.61	2,088.73
CA-MW-107S	Shallow Zone Upper Aquifer	07/14/2020	2187.30	99.12	2,088.18
CA-MW-108S	Shallow Zone Upper Aquifer	07/14/2020	2197.48	105.11	2,092.37
		01/07/2021	2197.48	105.52	2,091.96
CA-MW-110	Shallow Zone Upper Aquifer	07/14/2020	2197.68	102.70	2,094.98
		10/22/2020	2197.68	102.49	2,095.19
		01/07/2021	2197.68	102.71	2,094.97
		04/20/2021	2197.68	98.42	2,099.26
CA-MW-201	Shallow Zone Upper Aquifer	07/13/2020	2193.59	101.80	2,091.79
CA-MW-202	Shallow Zone Upper Aquifer	07/13/2020	2192.54	103.45	2,089.09

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
CA-MW-204D	Deep Zone Upper Aquifer	07/13/2020	2197.10	103.41	2,093.69
		01/07/2021	2197.10	103.55	2,093.55
CA-MW-302D	Deep Zone Upper Aquifer	07/13/2020	2195.66	107.53	2,088.13
		10/22/2020	2195.66	108.00	2,087.66
		01/07/2021	2195.66	108.22	2,087.44
CA-MW-305	Shallow Zone Upper Aquifer	07/13/2020	2192.26	104.30	2,087.97
CA-MW-306D	Deep Zone Upper Aquifer	07/15/2020	2190.55	102.79	2,087.76
		10/22/2020	2190.55	102.45	2,088.10
		01/12/2021	2190.55	103.29	2,087.26
		04/19/2021	2190.55	104.49	2,086.06
CA-MW-310D	Deep Zone Upper Aquifer	07/15/2020	2190.29	104.51	2,085.78
		01/12/2021	2190.29	105.44	2,084.85
CA-MW-310S	Shallow Zone Upper Aquifer	07/15/2020	2190.34	104.50	2,085.84
		01/12/2021	2190.34	105.90	2,084.44
CA-MW-312D	Deep Zone Upper Aquifer	07/15/2020	2199.76	108.81	2,090.96
		10/22/2020	2199.76	109.00	2,090.77
		01/06/2021	2199.76	108.92	2,090.85
		04/19/2021	2199.76	108.71	2,091.06
CA-MW-313R	Shallow Zone Upper Aquifer	07/15/2020	2198.28	108.93	2,089.35
		10/22/2020	2198.28	109.26	2,089.02
		01/06/2021	2198.28	109.16	2,089.12
		04/19/2021	2198.28	109.07	2,089.21
CA-MW-315D	Deep Zone Upper Aquifer	07/15/2020	2185.95	97.91	2,088.04
		10/22/2020	2185.95	98.70	2,087.25
		01/06/2021	2185.95	99.75	2,086.20
		04/19/2021	2185.95	99.89	2,086.06
CA-MW-317D	Deep Zone Upper Aquifer	07/15/2020	2186.12	103.00	2,083.12
		01/06/2021	2186.12	103.72	2,082.40
CA-MW-401	Shallow Zone Upper Aquifer	07/16/2020	2194.33	112.12	2,082.21
		01/06/2021	2194.33	112.30	2,082.03
CA-MW-402D	Deep Zone Upper Aquifer	07/16/2020	2192.96	105.51	2,087.45
CA-MW-402S	Shallow Zone Upper Aquifer	07/16/2020	2192.88	111.51	2,081.37
		01/06/2021	2192.88	112.20	2,080.68
CA-MW-403S	Shallow Zone Upper Aquifer	07/16/2020	2192.17	113.11	2,079.06
CA-MW-404D	Deep Zone Upper Aquifer	07/16/2020	2192.27	100.58	2,091.69
CA-MW-404S	Shallow Zone Upper Aquifer	07/16/2020	2192.26	112.98	2,079.28

Table D-1
Groundwater Level Measurements
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
CA-MW-404S	Shallow Zone Upper Aquifer	01/06/2021	2192.26	113.91	2,078.35
		03/02/2021	2192.26	113.71	2,078.55
CA-MW-405D	Deep Zone Upper Aquifer	07/16/2020	2192.53	112.25	2,080.28
		01/06/2021	2192.53	113.18	2,079.35
CA-MW-411S	Shallow Zone Upper Aquifer	07/16/2020	2187.11	102.12	2,085.00
		01/06/2021	2187.11	103.48	2,083.64
CA-MW-412D	Shallow Zone Upper Aquifer	07/17/2020	2197.10	109.65	2,087.45
		10/23/2020	2197.10	109.68	2,087.42
		01/06/2021	2197.10	109.58	2,087.52
		04/19/2021	2197.10	109.60	2,087.50
CA-MW-412D2	Deep Zone Upper Aquifer	07/17/2020	2196.18	104.54	2,091.64
		10/23/2020	2196.18	104.68	2,091.50
		01/06/2021	2196.18	104.55	2,091.63
		04/19/2021	2196.18	104.61	2,091.57
CA-MW-505	Shallow Zone Upper Aquifer	07/17/2020	2186.11	107.23	2,078.88
		01/07/2021	2186.11	107.70	2,078.41
CA-MW-506D	Deep Zone Upper Aquifer	07/17/2020	2187.38	109.00	2,078.38
		01/07/2021	2187.38	109.70	2,077.68
CA-MW-506S	Shallow Zone Upper Aquifer	07/17/2020	2187.36	108.40	2,078.96
		01/07/2021	2187.36	108.80	2,078.56
CA-MW-508D	Deep Zone Upper Aquifer	08/04/2020	2185.08	107.04	2,078.04
		02/02/2021	2185.08	107.38	2,077.70
CA-MW-508S	Shallow Zone Upper Aquifer	08/04/2020	2185.07	104.04	2,081.03
CA-MW-510D	Deep Zone Upper Aquifer	08/04/2020	2183.91	103.58	2,080.33
		11/02/2020	2183.91	104.18	2,079.73
		12/03/2020	2183.91	104.35	2,079.56
		02/02/2021	2183.91	104.21	2,079.70
		05/03/2021	2183.91	105.76	2,078.15
CA-MW-511	Shallow Zone Upper Aquifer	08/04/2020	2183.04	102.27	2,080.77
		11/02/2020	2183.04	102.86	2,080.18
		02/02/2021	2183.04	103.18	2,079.86
		05/03/2021	2183.04	104.48	2,078.56
CA-MW-601	Shallow Zone Upper Aquifer	08/05/2020	2182.16	106.74	2,075.42
		02/02/2021	2182.16	107.64	2,074.52
CA-MW-602	Shallow Zone Upper Aquifer	08/05/2020	2181.74	105.85	2,075.89
		02/02/2021	2181.74	106.67	2,075.07

Table D-1
Groundwater Level Measurements
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
CA-MW-603	Shallow Zone Upper Aquifer	08/05/2020	2181.10	104.61	2,076.49
		11/02/2020	2181.10	105.09	2,076.01
		12/03/2020	2181.10	105.20	2,075.90
		02/02/2021	2181.10	105.39	2,075.71
DW-02	Shallow Zone Upper Aquifer	07/06/2020	2166.48	87.11	2,079.37
		10/14/2020	2166.48	87.60	2,078.88
		01/19/2021	2166.48	87.88	2,078.60
		04/15/2021	2166.48	88.04	2,078.44
DW-03	Shallow Zone Upper Aquifer	10/15/2020	2167.77	88.82	2,078.95
		04/15/2021	2167.77	88.90	2,078.87
EX-03	Upper Aquifer	06/03/2021	2172.39	102.88	2,069.51
EX-15	Upper Aquifer	05/06/2021	2173.67	99.01	2,074.66
EX-17	Shallow Zone Upper Aquifer	10/19/2020	2185.82	102.70	2,083.12
		04/07/2021	2185.82	102.27	2,083.55
EX-21	Upper Aquifer	10/19/2020	2187.89	107.10	2,080.79
		04/07/2021	2187.89	106.25	2,081.64
EX-23	Upper Aquifer	10/19/2020	2168.03	87.15	2,080.88
		04/12/2021	2168.03	87.32	2,080.71
EX-24	Upper Aquifer	10/20/2020	2166.11	92.53	2,073.58
		12/04/2020	2166.11	91.92	2,074.19
		04/08/2021	2166.11	91.71	2,074.40
EX-32	Shallow Zone Upper Aquifer	04/07/2021	ns	104.55	---
EX-36	Upper Aquifer	10/19/2020	ns	94.84	---
		12/04/2020	ns	94.82	---
		04/06/2021	ns	94.88	---
		06/01/2021	ns	94.75	---
G-1R	Upper Aquifer	10/15/2020	ns	83.74	---
		04/08/2021	ns	83.81	---
MW-01	Shallow Zone Upper Aquifer	07/23/2020	2202.14	89.87	2,112.27
		10/22/2020	2202.14	90.12	2,112.02
		01/20/2021	2202.14	92.68	2,109.46
		04/22/2021	2202.14	91.63	2,110.51
MW-03	Deep Zone Upper Aquifer	07/23/2020	2197.63	108.60	2,089.03
		10/22/2020	2197.63	109.54	2,088.09
		01/20/2021	2197.63	106.23	2,091.40
		04/22/2021	2197.63	106.37	2,091.26

Table D-1
Groundwater Level Measurements
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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-04	Shallow Zone Upper Aquifer	07/13/2020	2199.70	94.81	2,104.89
		10/15/2020	2199.70	94.72	2,104.98
		01/06/2021	2199.70	94.39	2,105.31
		04/19/2021	2199.70	95.40	2,104.30
MW-05	Shallow Zone Upper Aquifer	07/08/2020	2192.01	103.51	2,088.50
		10/15/2020	2192.01	104.65	2,087.36
		12/03/2020	2192.01	104.91	2,087.10
		01/20/2021	2192.01	105.21	2,086.80
		04/19/2021	2192.01	104.38	2,087.63
MW-06	Shallow Zone Upper Aquifer	07/13/2020	2194.66	105.76	2,088.90
MW-09	Deep Zone Upper Aquifer	10/15/2020	2181.63	104.39	2,077.24
		02/03/2021	2181.63	103.98	2,077.65
		03/02/2021	2181.63	105.11	2,076.52
		04/12/2021	2181.63	106.12	2,075.51
MW-10	Deep Zone Upper Aquifer	07/20/2020	2179.94	106.73	2,073.21
		10/20/2020	2179.94	107.15	2,072.79
		02/03/2021	2179.94	106.25	2,073.69
		04/08/2021	2179.94	106.71	2,073.23
MW-100C	Lower Aquifer	07/10/2020	2172.29	99.89	2,072.40
		10/14/2020	2172.29	100.03	2,072.26
		01/20/2021	2172.29	99.52	2,072.77
		04/15/2021	2172.29	100.02	2,072.27
MW-101D	Deep Zone Upper Aquifer	07/10/2020	2172.14	96.02	2,076.12
		09/03/2020	2172.14	96.48	2,075.66
		10/14/2020	2172.14	96.80	2,075.34
		04/15/2021	2172.14	96.64	2,075.50
MW-102D	Deep Zone Upper Aquifer	10/19/2020	2181.63	100.63	2,081.00
		12/03/2020	2181.63	100.77	2,080.86
		04/12/2021	2181.63	101.79	2,079.84
MW-102S	Shallow Zone Upper Aquifer	04/12/2021	2181.71	96.86	2,084.85
MW-103D	Deep Zone Upper Aquifer	04/12/2021	2186.54	98.58	2,087.96
MW-103S	Shallow Zone Upper Aquifer	04/12/2021	2186.42	85.50	2,100.92
MW-104D	Deep Zone Upper Aquifer	10/08/2020	2148.01	81.29	2,066.72
MW-104S1	Shallow Zone Upper Aquifer	10/08/2020	2148.45	77.48	2,070.97
		04/07/2021	2148.45	77.12	2,071.33
MW-104S2	Shallow Zone Upper Aquifer	10/08/2020	2147.91	77.16	2,070.75

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-105D	Deep Zone Upper Aquifer	07/06/2020	2154.26	80.89	2,073.38
		10/06/2020	2154.26	81.84	2,072.43
		02/03/2021	2154.26	81.99	2,072.28
		04/05/2021	2154.26	82.17	2,072.10
MW-105S	Shallow Zone Upper Aquifer	07/06/2020	2154.15	78.73	2,075.42
		08/31/2020	2154.15	78.71	2,075.44
		10/06/2020	2154.15	78.86	2,075.29
		02/03/2021	2154.15	79.02	2,075.13
		04/05/2021	2154.15	79.02	2,075.13
		06/03/2021	2154.15	79.12	2,075.03
MW-106D	Deep Zone Upper Aquifer	07/10/2020	2151.73	83.52	2,068.21
		10/08/2020	2151.73	83.55	2,068.18
		02/04/2021	2151.73	83.76	2,067.97
		04/07/2021	2151.73	83.51	2,068.22
MW-106S	Shallow Zone Upper Aquifer	07/10/2020	2151.78	78.77	2,073.01
		10/08/2020	2151.78	78.92	2,072.86
		02/04/2021	2151.78	79.06	2,072.72
		04/07/2021	2151.78	79.09	2,072.69
MW-107D	Deep Zone Upper Aquifer	10/06/2020	2155.55	80.26	2,075.29
MW-107S	Shallow Zone Upper Aquifer	10/06/2020	2155.49	78.86	2,076.63
		12/03/2020	2155.49	78.99	2,076.50
		04/14/2021	2155.49	79.28	2,076.21
MW-108D	Deep Zone Upper Aquifer	07/10/2020	2176.18	102.33	2,073.85
		09/03/2020	2176.18	103.12	2,073.06
		10/15/2020	2176.18	103.41	2,072.77
		01/20/2021	2176.18	102.73	2,073.45
		04/13/2021	2176.18	102.75	2,073.43
MW-109	Shallow Zone Upper Aquifer	07/10/2020	2172.04	98.29	2,073.75
		10/15/2020	2172.04	99.01	2,073.03
		04/13/2021	2172.04	98.23	2,073.81
MW-110D	Deep Zone Upper Aquifer	04/13/2021	2171.56	89.64	2,081.92
MW-110S	Shallow Zone Upper Aquifer	10/13/2020	2171.52	79.99	2,091.53
		12/03/2020	2171.52	80.12	2,091.40
		04/13/2021	2171.52	80.06	2,091.46
		06/03/2021	2171.52	80.11	2,091.41
MW-111D	Deep Zone Upper Aquifer	07/17/2020	2147.56	82.01	2,065.55
		10/08/2020	2147.56	81.63	2,065.93

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-111D	Deep Zone Upper Aquifer	01/19/2021	2147.56	81.31	2,066.25
		04/05/2021	2147.56	81.37	2,066.19
MW-111S1	Shallow Zone Upper Aquifer	07/17/2020	2147.52	78.01	2,069.52
		10/08/2020	2147.52	76.63	2,070.90
		12/01/2020	2147.52	76.08	2,071.45
		01/19/2021	2147.52	75.91	2,071.62
		04/05/2021	2147.52	75.69	2,071.84
MW-111S2	Shallow Zone Upper Aquifer	07/17/2020	2147.30	78.44	2,068.86
		10/08/2020	2147.30	76.68	2,070.62
		12/01/2020	2147.30	75.73	2,071.57
		01/19/2021	2147.30	75.62	2,071.68
		04/05/2021	2147.30	75.81	2,071.49
MW-112D	Deep Zone Upper Aquifer	04/12/2021	2165.84	92.21	2,073.63
MW-112S	Shallow Zone Upper Aquifer	10/13/2020	2165.89	83.52	2,082.37
		12/03/2020	2165.89	83.63	2,082.26
		04/12/2021	2165.89	83.63	2,082.26
MW-113D	Deep Zone Upper Aquifer	10/07/2020	2143.98	79.52	2,064.46
MW-113S1	Shallow Zone Upper Aquifer	10/07/2020	2143.82	73.84	2,069.98
		12/03/2020	2143.82	73.63	2,070.19
		04/05/2021	2143.82	73.46	2,070.36
MW-113S2	Shallow Zone Upper Aquifer	10/07/2020	2143.76	74.27	2,069.49
		12/03/2020	2143.76	74.21	2,069.55
MW-114D1	Deep Zone Upper Aquifer	04/14/2021	2169.14	85.21	2,083.93
MW-114D2	Deep Zone Upper Aquifer	04/14/2021	2168.95	85.95	2,083.00
MW-114S	Shallow Zone Upper Aquifer	04/14/2021	2168.99	85.01	2,083.98
MW-115D	Deep Zone Upper Aquifer	04/14/2021	2171.77	88.98	2,082.79
MW-115S	Shallow Zone Upper Aquifer	04/14/2021	2171.89	65.81	2,106.08
MW-116D1	Deep Zone Upper Aquifer	10/13/2020	2175.94	91.77	2,084.17
		04/12/2021	2175.94	92.59	2,083.35
MW-116D2	Deep Zone Upper Aquifer	04/12/2021	2175.93	92.93	2,083.00
MW-116S	Shallow Zone Upper Aquifer	04/12/2021	2176.20	77.74	2,098.46
MW-117D	Deep Zone Upper Aquifer	10/19/2020	2156.18	88.45	2,067.73
MW-117S1	Shallow Zone Upper Aquifer	07/17/2020	2156.40	81.24	2,075.16
		08/31/2020	2156.40	81.28	2,075.12
		10/19/2020	2156.40	81.34	2,075.06
		01/20/2021	2156.40	81.39	2,075.01

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-117S1	Shallow Zone Upper Aquifer	04/08/2021	2156.40	81.44	2,074.96
MW-117S2	Shallow Zone Upper Aquifer	10/19/2020	2156.43	81.31	2,075.12
		12/03/2020	2156.43	81.37	2,075.06
MW-118S	Shallow Zone Upper Aquifer	07/17/2020	2161.59	76.48	2,085.11
		09/03/2020	2161.59	76.54	2,085.05
		10/14/2020	2161.59	76.85	2,084.74
		12/03/2020	2161.59	76.70	2,084.89
		01/21/2021	2161.59	76.63	2,084.96
		04/08/2021	2161.59	76.82	2,084.77
MW-11B	Deep Zone Upper Aquifer	07/13/2020	2193.58	94.99	2,098.59
		10/15/2020	2193.58	95.69	2,097.89
		01/06/2021	2193.58	96.51	2,097.07
		04/20/2021	2193.58	94.54	2,099.04
MW-11C	Lower Aquifer	07/13/2020	2192.54	73.37	2,119.17
		10/15/2020	2192.54	72.12	2,120.42
MW-121D	Deep Zone Upper Aquifer	10/14/2020	2185.29	94.59	2,090.71
		04/06/2021	2185.29	94.50	2,090.80
		06/01/2021	2185.29	94.50	2,090.80
MW-121S	Shallow Zone Upper Aquifer	10/14/2020	2185.35	92.66	2,092.69
		04/06/2021	2185.35	92.92	2,092.43
MW-122D	Deep Zone Upper Aquifer	10/14/2020	2192.91	99.30	2,093.61
		04/15/2021	2192.91	99.40	2,093.51
MW-123S1	Shallow Zone Upper Aquifer	07/10/2020	2151.75	78.74	2,073.01
		10/08/2020	2151.75	78.51	2,073.24
		12/01/2020	2151.75	78.32	2,073.43
		01/22/2021	2151.75	78.31	2,073.44
		04/05/2021	2151.75	77.85	2,073.90
MW-123S2	Shallow Zone Upper Aquifer	07/10/2020	2152.03	78.82	2,073.21
		10/08/2020	2152.03	79.47	2,072.56
		01/22/2021	2152.03	78.47	2,073.56
		04/05/2021	2152.03	78.64	2,073.39
		06/02/2021	2152.03	78.41	2,073.62
MW-124D	Deep Zone Upper Aquifer	07/10/2020	2151.36	82.85	2,068.51
		10/08/2020	2151.36	82.78	2,068.58
		01/20/2021	2151.36	82.69	2,068.67
		04/07/2021	2151.36	82.64	2,068.72
MW-124S1	Shallow Zone Upper Aquifer	07/10/2020	2151.10	77.34	2,073.76

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-124S1	Shallow Zone Upper Aquifer	10/08/2020	2151.10	77.33	2,073.77
		01/20/2021	2151.10	77.17	2,073.93
		04/07/2021	2151.10	77.12	2,073.98
		06/02/2021	2151.10	77.16	2,073.94
MW-124S2	Shallow Zone Upper Aquifer	07/10/2020	2151.34	77.60	2,073.74
		10/08/2020	2151.34	77.53	2,073.81
		01/20/2021	2151.34	77.34	2,074.00
		04/07/2021	2151.34	77.33	2,074.01
MW-125S1	Shallow Zone Upper Aquifer	07/10/2020	2151.81	77.66	2,074.15
		10/09/2020	2151.81	77.73	2,074.08
		01/19/2021	2151.81	77.49	2,074.32
		04/07/2021	2151.81	77.35	2,074.46
MW-125S2	Shallow Zone Upper Aquifer	07/10/2020	2151.89	78.42	2,073.47
		10/09/2020	2151.89	77.58	2,074.31
		01/19/2021	2151.89	77.31	2,074.58
		04/07/2021	2151.89	77.25	2,074.64
MW-126S1	Shallow Zone Upper Aquifer	10/09/2020	2159.25	83.03	2,076.22
		04/08/2021	2159.25	83.03	2,076.22
MW-126S2	Shallow Zone Upper Aquifer	10/09/2020	2159.28	83.07	2,076.21
		04/08/2021	2159.28	83.16	2,076.12
		06/02/2021	2159.28	83.10	2,076.18
MW-127S1	Shallow Zone Upper Aquifer	07/06/2020	2159.33	82.53	2,076.80
		09/02/2020	2159.33	82.71	2,076.62
		10/09/2020	2159.33	82.75	2,076.58
		01/22/2021	2159.33	82.99	2,076.34
		04/08/2021	2159.33	83.00	2,076.33
MW-127S2	Shallow Zone Upper Aquifer	07/06/2020	2159.41	82.45	2,076.96
		09/02/2020	2159.41	82.64	2,076.77
		10/09/2020	2159.41	82.75	2,076.66
		01/22/2021	2159.41	83.17	2,076.24
		04/08/2021	2159.41	83.23	2,076.18
MW-128S1	Shallow Zone Upper Aquifer	07/09/2020	2155.94	79.46	2,076.48
		10/06/2020	2155.94	79.89	2,076.05
		12/03/2020	2155.94	79.93	2,076.01
		01/19/2021	2155.94	80.03	2,075.91
		03/01/2021	2155.94	80.05	2,075.89
		04/05/2021	2155.94	80.11	2,075.83

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MW-128S2	Shallow Zone Upper Aquifer	07/09/2020	2155.94	79.50	2,076.44
		08/31/2020	2155.94	79.76	2,076.18
		10/06/2020	2155.94	80.00	2,075.94
		01/19/2021	2155.94	79.94	2,076.00
		04/05/2021	2155.94	80.31	2,075.63
		06/03/2021	2155.94	80.25	2,075.69
MW-128S3	Shallow Zone Upper Aquifer	07/09/2020	2155.85	79.65	2,076.20
		10/06/2020	2155.85	80.15	2,075.70
		01/19/2021	2155.85	79.96	2,075.89
		04/05/2021	2155.85	80.20	2,075.65
MW-12B	Deep Zone Upper Aquifer	07/13/2020	2190.32	108.97	2,081.35
MW-13	Deep Zone Upper Aquifer	07/13/2020	2189.25	108.62	2,080.63
MW-130S1	Shallow Zone Upper Aquifer	10/06/2020	2102.29	77.22	2,025.07
		12/01/2020	2102.29	77.31	2,024.98
MW-130S2	Shallow Zone Upper Aquifer	10/06/2020	2102.20	77.99	2,024.21
		12/01/2020	2102.20	77.99	2,024.21
		04/06/2021	2102.20	78.08	2,024.12
MW-131S1	Shallow Zone Upper Aquifer	10/06/2020	2115.10	67.79	2,047.31
		12/01/2020	2115.10	67.85	2,047.25
		04/06/2021	2115.10	67.80	2,047.30
		06/02/2021	2115.10	67.70	2,047.40
MW-133S1	Shallow Zone Upper Aquifer	07/06/2020	2126.20	70.22	2,055.98
		08/03/2020	2126.20	71.51	2,054.69
		10/20/2020	2126.20	71.31	2,054.89
MW-133S2	Shallow Zone Upper Aquifer	10/06/2020	2126.21	82.39	2,043.82
		04/06/2021	2126.21	81.17	2,045.04
MW-136S1	Shallow Zone Upper Aquifer	10/05/2020	2130.09	69.52	2,060.57
		04/05/2021	2130.09	69.55	2,060.54
MW-136S2	Shallow Zone Upper Aquifer	10/05/2020	2130.07	75.10	2,054.97
MW-137S1	Shallow Zone Upper Aquifer	10/05/2020	2132.14	67.45	2,064.69
MW-137S2	Shallow Zone Upper Aquifer	10/05/2020	2132.19	68.90	2,063.29
MW-137S3	Shallow Zone Upper Aquifer	10/05/2020	2132.09	68.84	2,063.25
		01/21/2021	2132.09	68.57	2,063.52
		04/08/2021	2132.09	63.33	2,068.76
MW-138S1	Shallow Zone Upper Aquifer	10/05/2020	2131.63	64.80	2,066.83
		04/12/2021	2131.63	64.89	2,066.74

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-138S2	Shallow Zone Upper Aquifer	10/05/2020	2132.00	64.80	2,067.20
MW-139S1	Shallow Zone Upper Aquifer	10/08/2020	2136.48	68.42	2,068.06
		04/07/2021	2136.48	68.22	2,068.26
MW-139S2	Shallow Zone Upper Aquifer	10/08/2020	2136.35	69.80	2,066.55
		12/01/2020	2136.35	69.06	2,067.29
MW-140S1	Shallow Zone Upper Aquifer	10/08/2020	2140.05	72.90	2,067.15
		04/07/2021	2140.05	72.82	2,067.23
MW-140S2	Shallow Zone Upper Aquifer	10/08/2020	2139.89	72.75	2,067.14
MW-140S3	Shallow Zone Upper Aquifer	10/08/2020	2140.17	72.90	2,067.27
MW-141D	Deep Zone Upper Aquifer	10/08/2020	2139.41	72.63	2,066.78
MW-141S1	Shallow Zone Upper Aquifer	10/08/2020	2139.39	71.15	2,068.24
MW-141S2	Shallow Zone Upper Aquifer	10/08/2020	2139.39	71.10	2,068.29
		04/07/2021	2139.39	71.11	2,068.28
MW-142S1	Shallow Zone Upper Aquifer	10/07/2020	2139.90	71.27	2,068.63
MW-142S2	Shallow Zone Upper Aquifer	10/07/2020	2139.72	70.89	2,068.83
		04/07/2021	2139.72	70.73	2,068.99
MW-142S3	Shallow Zone Upper Aquifer	10/07/2020	2139.81	71.17	2,068.64
MW-143D1	Deep Zone Upper Aquifer	04/12/2021	2190.30	101.12	2,089.18
MW-143D2	Deep Zone Upper Aquifer	04/12/2021	2190.33	101.18	2,089.15
MW-144D1	Deep Zone Upper Aquifer	04/12/2021	2183.77	94.99	2,088.78
MW-144D2	Deep Zone Upper Aquifer	04/12/2021	2183.74	94.72	2,089.02
MW-145D1	Deep Zone Upper Aquifer	04/14/2021	2181.09	94.83	2,086.26
MW-145D2	Deep Zone Upper Aquifer	04/14/2021	2181.27	98.39	2,082.88
MW-146D1	Deep Zone Upper Aquifer	04/14/2021	2181.12	97.51	2,083.61
MW-146D2	Deep Zone Upper Aquifer	04/14/2021	2181.15	98.53	2,082.62
MW-147D	Deep Zone Upper Aquifer	10/14/2020	2174.23	82.99	2,091.24
		04/12/2021	2174.23	82.55	2,091.68
MW-147S	Shallow Zone Upper Aquifer	10/14/2020	2174.14	81.63	2,092.51
		12/04/2020	2174.14	81.73	2,092.41
		04/12/2021	2174.14	81.57	2,092.57
MW-148S	Shallow Zone Upper Aquifer	10/19/2020	2172.96	82.49	2,090.47
		04/13/2021	2172.96	82.29	2,090.67
MW-14A	Shallow Zone Upper Aquifer	08/04/2020	2183.70	106.30	2,077.40
		02/02/2021	2183.70	106.61	2,077.09
MW-14B	Deep Zone Upper Aquifer	10/15/2020	2183.73	107.01	2,076.72
		04/13/2021	2183.73	108.50	2,075.23

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-14C	Lower Aquifer	10/15/2020	2184.50	94.30	2,090.20
MW-15	Shallow Zone Upper Aquifer	07/23/2020	2195.91	93.88	2,102.03
		10/22/2020	2195.91	93.68	2,102.23
		01/20/2021	2195.91	92.04	2,103.87
		04/22/2021	2195.91	91.22	2,104.69
MW-151D1	Deep Zone Upper Aquifer	04/13/2021	2176.83	92.23	2,084.60
MW-151D2	Deep Zone Upper Aquifer	04/13/2021	2176.87	72.70	2,104.17
MW-151S	Shallow Zone Upper Aquifer	04/13/2021	2176.98	62.01	2,114.97
MW-152D1	Deep Zone Upper Aquifer	04/14/2021	2174.95	90.99	2,083.96
MW-152D2	Deep Zone Upper Aquifer	04/14/2021	2174.76	91.37	2,083.39
MW-152S	Shallow Zone Upper Aquifer	04/14/2021	2174.81	69.49	2,105.32
MW-153S	Deep Zone Upper Aquifer	10/14/2020	2184.54	92.19	2,092.35
		04/06/2021	2184.54	92.22	2,092.32
		06/01/2021	2184.54	92.26	2,092.28
MW-154S1	Shallow Zone Upper Aquifer	10/20/2020	2126.06	69.67	2,056.39
MW-154S2	Shallow Zone Upper Aquifer	10/06/2020	2126.19	81.94	2,044.25
MW-155D	Deep Zone Upper Aquifer	07/14/2020	2207.23	106.91	2,100.32
		10/20/2020	2207.23	106.52	2,100.71
		01/05/2021	2207.23	105.21	2,102.02
		04/16/2021	2207.23	105.14	2,102.09
MW-155S	Shallow Zone Upper Aquifer	07/14/2020	2207.27	113.18	2,094.09
		09/01/2020	2207.27	113.12	2,094.15
		10/20/2020	2207.27	113.21	2,094.06
		01/05/2021	2207.27	113.23	2,094.04
		04/16/2021	2207.27	113.39	2,093.88
MW-156S	Shallow Zone Upper Aquifer	10/05/2020	2151.20	79.03	2,072.17
		11/03/2020	2151.20	78.69	2,072.51
		04/05/2021	2151.20	78.18	2,073.02
MW-157S	Shallow Zone Upper Aquifer	10/05/2020	2147.47	76.25	2,071.22
		11/03/2020	2147.47	75.98	2,071.49
		04/05/2021	2147.47	76.63	2,070.84
		06/01/2021	2147.47	76.89	2,070.58
MW-158CR	Lower Aquifer	10/20/2020	2200.52	97.70	2,102.82
MW-16	Shallow Zone Upper Aquifer	07/14/2020	2193.93	96.51	2,097.42
		10/20/2020	2193.93	97.82	2,096.11
		01/13/2021	2193.93	99.01	2,094.92

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-16	Shallow Zone Upper Aquifer	04/12/2021	2193.93	98.81	2,095.12
MW-161S1	Shallow Zone Upper Aquifer	10/06/2020	2090.94	72.01	2,018.93
		12/01/2020	2090.94	72.09	2,018.85
		04/06/2021	2090.94	72.27	2,018.67
MW-161S2	Shallow Zone Upper Aquifer	10/06/2020	2090.96	74.91	2,016.05
		12/01/2020	2090.96	74.84	2,016.12
MW-161S3	Shallow Zone Upper Aquifer	10/06/2020	2091.19	75.43	2,015.76
MW-162S1	Shallow Zone Upper Aquifer	10/06/2020	2087.53	71.23	2,016.30
		12/01/2020	2087.53	71.22	2,016.31
MW-162S2	Shallow Zone Upper Aquifer	10/06/2020	2087.78	73.11	2,014.67
		12/01/2020	2087.78	73.31	2,014.47
		04/06/2021	2087.78	75.61	2,012.17
MW-162S3	Shallow Zone Upper Aquifer	10/06/2020	2087.85	75.64	2,012.21
		12/01/2020	2087.85	75.28	2,012.57
MW-164D	Deep Zone Upper Aquifer	10/14/2020	2175.01	80.08	2,094.93
		04/06/2021	2175.01	79.72	2,095.29
MW-164S	Shallow Zone Upper Aquifer	10/14/2020	2174.91	78.96	2,095.95
		04/06/2021	2174.91	78.71	2,096.20
MW-166S1	Shallow Zone Upper Aquifer	10/20/2020	2133.17	59.61	2,073.56
		04/07/2021	2133.17	59.48	2,073.69
MW-166S2	Shallow Zone Upper Aquifer	10/20/2020	2133.27	60.11	2,073.16
MW-168D	Deep Zone Upper Aquifer	10/20/2020	2179.70	89.00	2,090.70
		12/04/2020	2179.70	88.97	2,090.73
MW-168S	Shallow Zone Upper Aquifer	10/20/2020	2179.75	88.42	2,091.33
		04/13/2021	2179.75	88.45	2,091.30
MW-169D	Deep Zone Upper Aquifer	10/14/2020	2181.12	90.54	2,090.58
MW-169S2	Shallow Zone Upper Aquifer	10/14/2020	2180.36	88.36	2,092.00
		04/13/2021	2180.36	88.51	2,091.85
MW-17	Shallow Zone Upper Aquifer	07/24/2020	2204.05	88.14	2,115.91
		10/22/2020	2204.05	89.42	2,114.63
		01/04/2021	2204.05	90.35	2,113.70
		04/22/2021	2204.05	92.63	2,111.42
MW-170S	Shallow Zone Upper Aquifer	07/06/2020	2164.64	85.10	2,079.54
		10/13/2020	2164.64	85.36	2,079.28
		01/21/2021	2164.64	85.29	2,079.35
		04/14/2021	2164.64	86.42	2,078.22

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-171D1	Deep Zone Upper Aquifer	10/09/2020	2154.54	79.38	2,075.16
MW-171D2	Deep Zone Upper Aquifer	10/09/2020	2154.50	80.80	2,073.70
MW-171S	Shallow Zone Upper Aquifer	10/09/2020	2154.54	77.82	2,076.72
		04/08/2021	2154.54	77.98	2,076.56
MW-172S1	Shallow Zone Upper Aquifer	10/09/2020	2149.19	74.60	2,074.59
		04/08/2021	2149.19	74.42	2,074.77
		06/03/2021	2149.19	74.32	2,074.87
MW-172S2	Shallow Zone Upper Aquifer	10/09/2020	2149.29	75.59	2,073.70
		12/04/2020	2149.29	74.75	2,074.54
		04/08/2021	2149.29	75.20	2,074.09
MW-173D	Deep Zone Upper Aquifer	10/20/2020	2132.70	66.73	2,065.97
MW-173S1	Shallow Zone Upper Aquifer	10/07/2020	2132.66	65.02	2,067.64
		04/06/2021	2132.66	64.88	2,067.78
MW-173S2	Shallow Zone Upper Aquifer	10/07/2020	2132.52	64.74	2,067.78
MW-174S1	Shallow Zone Upper Aquifer	10/06/2020	2095.41	77.30	2,018.11
		04/06/2021	2095.41	77.41	2,018.00
		06/02/2021	2095.41	77.32	2,018.09
MW-174S2	Shallow Zone Upper Aquifer	10/06/2020	2095.25	79.10	2,016.15
MW-174S3	Shallow Zone Upper Aquifer	10/06/2020	2094.96	80.38	2,014.58
MW-175D	Deep Zone Upper Aquifer	10/07/2020	2135.45	71.14	2,064.31
		12/02/2020	2135.45	71.21	2,064.24
MW-175S1	Shallow Zone Upper Aquifer	10/07/2020	2136.07	70.68	2,065.39
		12/02/2020	2136.07	70.58	2,065.49
		04/14/2021	2136.07	70.41	2,065.66
MW-175S2	Shallow Zone Upper Aquifer	10/07/2020	2135.52	69.06	2,066.46
		12/02/2020	2135.52	69.06	2,066.46
MW-176S	Shallow Zone Upper Aquifer	04/13/2021	2175.94	91.02	2,084.92
MW-177D	Deep Zone Upper Aquifer	07/14/2020	2216.31	95.30	2,121.01
		10/20/2020	2216.31	95.57	2,120.74
		01/04/2021	2216.31	95.52	2,120.79
		04/16/2021	2216.31	95.76	2,120.55
MW-177S	Shallow Zone Upper Aquifer	07/14/2020	2216.39	95.30	2,121.09
		10/20/2020	2216.39	95.72	2,120.67
		01/04/2021	2216.39	95.55	2,120.84
		04/16/2021	2216.39	95.83	2,120.56
MW-178D	Deep Zone Upper Aquifer	07/14/2020	2200.75	99.14	2,101.61

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-178D	Deep Zone Upper Aquifer	10/20/2020	2200.75	98.00	2,102.75
		01/15/2021	2200.75	98.33	2,102.42
		04/16/2021	2200.75	96.51	2,104.24
MW-178S	Shallow Zone Upper Aquifer	07/14/2020	2200.71	100.59	2,100.12
		10/20/2020	2200.71	100.59	2,100.12
		01/15/2021	2200.71	99.31	2,101.40
		04/16/2021	2200.71	98.42	2,102.29
MW-179D	Deep Zone Upper Aquifer	07/15/2020	2197.65	102.85	2,094.80
		10/20/2020	2197.65	103.60	2,094.05
		01/05/2021	2197.65	103.64	2,094.01
		04/12/2021	2197.65	103.33	2,094.32
MW-179M	Shallow Zone Upper Aquifer	07/15/2020	2195.67	103.51	2,092.16
		10/20/2020	2195.67	104.32	2,091.35
		01/05/2021	2195.67	104.14	2,091.53
		04/12/2021	2195.67	103.77	2,091.90
MW-17D	Deep Zone Upper Aquifer	07/24/2020	2202.98	82.92	2,120.06
		01/04/2021	2202.98	83.11	2,119.87
MW-18	Upper Aquifer	07/15/2020	2194.46	113.91	2,080.55
		01/15/2021	2194.46	114.85	2,079.61
MW-180RD	Deep Zone Upper Aquifer	07/15/2020	2194.81	92.01	2,102.80
		10/23/2020	2194.81	93.08	2,101.73
		01/19/2021	2194.81	91.31	2,103.50
		04/12/2021	2194.81	92.13	2,102.68
MW-180RS	Shallow Zone Upper Aquifer	07/15/2020	2195.03	91.24	2,103.79
		10/23/2020	2195.03	93.36	2,101.67
		01/19/2021	2195.03	93.79	2,101.24
		04/12/2021	2195.03	94.51	2,100.52
MW-181D	Deep Zone Upper Aquifer	07/15/2020	2218.23	96.93	2,121.30
		01/04/2021	2218.23	97.12	2,121.11
MW-181S	Shallow Zone Upper Aquifer	07/15/2020	2218.10	96.91	2,121.19
		01/04/2021	2218.10	97.01	2,121.09
MW-182D	Deep Zone Upper Aquifer	08/03/2020	2187.91	109.25	2,078.66
		11/03/2020	2187.91	110.22	2,077.69
		02/01/2021	2187.91	110.12	2,077.79
		05/03/2021	2187.91	110.18	2,077.73
MW-182S	Shallow Zone Upper Aquifer	08/03/2020	2187.27	108.50	2,078.77
		02/01/2021	2187.27	109.79	2,077.48

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-183D	Deep Zone Upper Aquifer	08/03/2020	2186.38	108.48	2,077.90
		11/02/2020	2186.38	109.61	2,076.77
		02/01/2021	2186.38	110.21	2,076.17
		03/01/2021	2186.38	109.12	2,077.26
		05/03/2021	2186.38	109.61	2,076.77
MW-183S	Shallow Zone Upper Aquifer	08/03/2020	2186.50	108.68	2,077.82
		02/01/2021	2186.50	109.39	2,077.11
MW-184S1	Shallow Zone Upper Aquifer	10/06/2020	2089.58	100.52	1,989.06
		12/02/2020	2089.58	100.37	1,989.21
		04/06/2021	2089.58	100.71	1,988.87
MW-184S2	Shallow Zone Upper Aquifer	07/13/2020	2089.80	102.02	1,987.78
		08/31/2020	2089.80	101.86	1,987.94
		10/05/2020	2089.80	101.57	1,988.23
		12/02/2020	2089.80	101.05	1,988.75
		01/19/2021	2089.80	101.17	1,988.63
		03/01/2021	2089.80	101.10	1,988.70
		04/06/2021	2089.80	101.89	1,987.91
		06/02/2021	2089.80	101.82	1,987.98
MW-184S3	Shallow Zone Upper Aquifer	10/05/2020	2089.86	101.91	1,987.95
MW-185S1	Shallow Zone Upper Aquifer	10/05/2020	2064.70	74.61	1,990.09
		12/02/2020	2064.70	73.81	1,990.89
		04/06/2021	2064.70	73.73	1,990.97
MW-185S2	Shallow Zone Upper Aquifer	10/05/2020	2065.11	75.49	1,989.62
		12/02/2020	2065.11	74.03	1,991.08
MW-185S3	Shallow Zone Upper Aquifer	10/05/2020	2065.00	75.00	1,990.00
		12/02/2020	2065.00	74.24	1,990.76
		04/06/2021	2065.00	73.49	1,991.51
MW-186S1	Shallow Zone Upper Aquifer	10/07/2020	2081.67	90.96	1,990.71
		12/02/2020	2081.67	91.06	1,990.61
MW-186S2	Shallow Zone Upper Aquifer	07/13/2020	2081.40	93.23	1,988.17
		08/31/2020	2081.40	93.56	1,987.84
		10/07/2020	2081.40	93.55	1,987.85
		12/02/2020	2081.40	93.73	1,987.67
		01/19/2021	2081.40	93.39	1,988.01
		03/01/2021	2081.40	93.56	1,987.84
		04/06/2021	2081.40	93.78	1,987.62
		06/02/2021	2081.40	93.77	1,987.63

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MW-186S3	Shallow Zone Upper Aquifer	10/07/2020	2081.39	93.44	1,987.95
		12/02/2020	2081.39	93.33	1,988.06
MW-187D2	Deep Zone Upper Aquifer	04/13/2021	2175.46	92.30	2,083.16
MW-188S1	Shallow Zone Upper Aquifer	10/07/2020	2078.72	68.86	2,009.86
		04/06/2021	2078.72	68.75	2,009.97
MW-188S2	Shallow Zone Upper Aquifer	10/07/2020	2078.57	71.28	2,007.29
		12/02/2020	2078.57	71.59	2,006.98
MW-188S3	Shallow Zone Upper Aquifer	10/07/2020	2078.17	70.76	2,007.41
		12/02/2020	2078.17	70.64	2,007.53
MW-189D2	Shallow Zone Upper Aquifer	04/23/2021	2179.47	100.10	2,079.37
MW-189D3	Deep Zone Upper Aquifer	04/23/2021	2178.94	99.72	2,079.22
MW-190D1	Shallow Zone Upper Aquifer	04/13/2021	2177.86	93.51	2,084.35
MW-190D2	Deep Zone Upper Aquifer	04/13/2021	2177.49	93.33	2,084.16
MW-190S1	Shallow Zone Upper Aquifer	04/13/2021	2177.79	66.42	2,111.37
MW-191D2	Shallow Zone Upper Aquifer	04/05/2021	2177.92	94.51	2,083.41
MW-191D3	Deep Zone Upper Aquifer	04/05/2021	2177.90	95.59	2,082.31
MW-192D	Deep Zone Upper Aquifer	04/14/2021	2176.16	90.82	2,085.34
MW-193S1	Shallow Zone Upper Aquifer	10/06/2020	2084.28	71.63	2,012.65
		04/06/2021	2084.28	71.73	2,012.55
MW-193S2	Shallow Zone Upper Aquifer	10/06/2020	2083.97	72.03	2,011.94
MW-193S3	Shallow Zone Upper Aquifer	10/06/2020	2083.93	74.22	2,009.71
		12/02/2020	2083.93	73.99	2,009.94
MW-194S1	Shallow Zone Upper Aquifer	10/07/2020	2072.58	79.52	1,993.06
		12/02/2020	2072.58	79.62	1,992.96
		04/06/2021	2072.58	78.54	1,994.04
		06/02/2021	2072.58	78.16	1,994.42
MW-194S2	Shallow Zone Upper Aquifer	10/07/2020	2072.31	79.77	1,992.54
		12/02/2020	2072.31	79.72	1,992.59
MW-194S3	Shallow Zone Upper Aquifer	10/07/2020	2072.55	80.33	1,992.22
MW-195S1	Shallow Zone Upper Aquifer	10/07/2020	2075.03	77.92	1,997.11
		04/06/2021	2075.03	77.24	1,997.79
MW-195S2	Shallow Zone Upper Aquifer	10/07/2020	2075.02	78.70	1,996.32
MW-195S3	Shallow Zone Upper Aquifer	10/07/2020	2075.11	79.20	1,995.91
		11/04/2020	2075.11	79.91	1,995.20
		01/19/2021	2075.11	79.24	1,995.87
MW-196S1	Shallow Zone Upper Aquifer	10/05/2020	2063.04	79.18	1,983.86

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-196S1	Shallow Zone Upper Aquifer	04/06/2021	2063.04	72.13	1,990.91
MW-196S2	Shallow Zone Upper Aquifer	10/05/2020	2063.05	79.24	1,983.81
		11/04/2020	2063.05	76.03	1,987.02
MW-196S3	Shallow Zone Upper Aquifer	10/05/2020	2063.13	80.63	1,982.50
MW-197S1	Shallow Zone Upper Aquifer	10/23/2020	2130.93	53.73	2,077.20
		04/07/2021	2130.93	53.65	2,077.28
MW-197S2	Shallow Zone Upper Aquifer	10/23/2020	2131.30	54.68	2,076.62
MW-197S3	Shallow Zone Upper Aquifer	10/23/2020	2131.39	54.30	2,077.09
		12/03/2020	2131.39	54.22	2,077.17
MW-199D1	Deep Zone Upper Aquifer	04/13/2021	2177.90	93.19	2,084.71
MW-199D2	Deep Zone Upper Aquifer	04/13/2021	2177.90	94.88	2,083.02
MW-199S1	Shallow Zone Upper Aquifer	04/13/2021	2177.93	71.42	2,106.51
MW-20	Shallow Zone Upper Aquifer	07/23/2020	2202.07	93.36	2,108.71
		10/22/2020	2202.07	92.71	2,109.36
		01/21/2021	2202.07	91.93	2,110.14
		04/22/2021	2202.07	91.43	2,110.64
MW-200S1	Shallow Zone Upper Aquifer	10/07/2020	2129.42	69.80	2,059.62
MW-200S2	Shallow Zone Upper Aquifer	10/07/2020	2129.81	65.12	2,064.69
MW-200S3	Shallow Zone Upper Aquifer	10/07/2020	2129.88	65.65	2,064.23
		12/02/2020	2129.88	65.89	2,063.99
		04/14/2021	2129.88	66.17	2,063.71
MW-201D	Deep Zone Upper Aquifer	10/14/2020	2177.55	83.96	2,093.59
MW-201S	Shallow Zone Upper Aquifer	10/14/2020	2177.21	83.48	2,093.73
		04/06/2021	2177.21	83.76	2,093.45
MW-202S	Shallow Zone Upper Aquifer	10/14/2020	2184.73	89.70	2,095.03
		04/06/2021	2184.73	89.91	2,094.82
		06/04/2021	2184.73	90.01	2,094.72
MW-203D	Deep Zone Upper Aquifer	10/14/2020	2169.89	69.78	2,100.11
		04/06/2021	2169.89	69.38	2,100.51
MW-205S1	Shallow Zone Upper Aquifer	10/05/2020	2061.69	71.36	1,990.33
MW-205S2	Shallow Zone Upper Aquifer	10/05/2020	2061.14	70.89	1,990.25
		04/06/2021	2061.14	70.31	1,990.83
MW-205S3	Shallow Zone Upper Aquifer	10/05/2020	2061.00	70.79	1,990.21
MW-206S	Shallow Zone Upper Aquifer	07/13/2020	2156.72	80.00	2,076.72
		09/03/2020	2156.72	80.25	2,076.47
		10/12/2020	2156.72	80.32	2,076.40

Table D-1
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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-206S	Shallow Zone Upper Aquifer	01/22/2021	2156.72	80.54	2,076.18
		04/09/2021	2156.72	80.88	2,075.84
MW-207S1	Shallow Zone Upper Aquifer	10/07/2020	2127.61	60.77	2,066.84
		04/08/2021	2127.61	60.92	2,066.69
MW-207S2	Shallow Zone Upper Aquifer	07/13/2020	2127.52	61.41	2,066.11
		10/07/2020	2127.52	60.74	2,066.78
		01/21/2021	2127.52	61.29	2,066.23
		04/08/2021	2127.52	61.22	2,066.30
MW-208S	Shallow Zone Upper Aquifer	01/15/2021	2198.98	93.59	2,105.39
		04/15/2021	2198.98	93.23	2,105.75
MW-209S	Shallow Zone Upper Aquifer	07/13/2020	2194.39	94.32	2,100.07
		10/23/2020	2194.39	96.10	2,098.29
		01/15/2021	2194.39	99.07	2,095.32
		04/15/2021	2194.39	98.81	2,095.58
MW-210S	Shallow Zone Upper Aquifer	07/13/2020	2191.37	99.88	2,091.49
		10/20/2020	2191.37	99.93	2,091.44
		01/15/2021	2191.37	101.08	2,090.29
		04/15/2021	2191.37	101.62	2,089.75
MW-211S	Shallow Zone Upper Aquifer	07/13/2020	2190.06	99.65	2,090.41
		10/20/2020	2190.06	100.46	2,089.60
		01/15/2021	2190.06	101.22	2,088.84
		04/15/2021	2190.06	101.52	2,088.54
MW-212S1	Shallow Zone Upper Aquifer	10/06/2020	2114.34	92.90	2,021.44
		04/06/2021	2114.34	93.03	2,021.31
MW-212S2	Shallow Zone Upper Aquifer	10/06/2020	2114.22	93.26	2,020.96
		11/04/2020	2114.22	93.55	2,020.67
MW-213D	Deep Zone Upper Aquifer	10/13/2020	2173.91	99.93	2,073.98
		04/06/2021	2173.91	99.84	2,074.07
MW-213S	Shallow Zone Upper Aquifer	10/13/2020	2174.09	87.31	2,086.78
		04/06/2021	2174.09	87.69	2,086.40
MW-214D	Deep Zone Upper Aquifer	10/13/2020	2168.31	94.00	2,074.31
		04/06/2021	2168.31	94.00	2,074.31
MW-214S	Shallow Zone Upper Aquifer	10/13/2020	2168.21	81.80	2,086.41
		12/04/2020	2168.21	81.91	2,086.30
		01/08/2021	2168.21	81.91	2,086.30
		01/21/2021	2168.21	82.00	2,086.21
		03/03/2021	2168.21	81.97	2,086.24

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-214S	Shallow Zone Upper Aquifer	04/06/2021	2168.21	82.09	2,086.12
MW-215D	Deep Zone Upper Aquifer	10/20/2020	2170.45	94.62	2,075.83
		04/06/2021	2170.45	94.68	2,075.77
MW-215S	Shallow Zone Upper Aquifer	10/20/2020	2170.70	72.76	2,097.94
		04/06/2021	2170.70	72.95	2,097.75
MW-216D	Deep Zone Upper Aquifer	10/13/2020	2175.29	92.68	2,082.61
		12/04/2020	2175.29	92.68	2,082.61
		04/06/2021	2175.29	93.29	2,082.00
MW-217D	Deep Zone Upper Aquifer	07/13/2020	2201.96	84.61	2,117.35
		10/20/2020	2201.96	84.55	2,117.41
		01/04/2021	2201.96	84.42	2,117.54
		04/22/2021	2201.96	84.97	2,116.99
MW-217S	Shallow Zone Upper Aquifer	07/13/2020	2202.05	88.02	2,114.03
		09/01/2020	2202.05	88.07	2,113.98
		10/20/2020	2202.05	87.91	2,114.14
		01/04/2021	2202.05	87.21	2,114.84
		04/22/2021	2202.05	84.98	2,117.07
MW-218D	Deep Zone Upper Aquifer	07/08/2020	2187.30	89.13	2,098.17
		10/20/2020	2187.30	90.91	2,096.39
		01/22/2021	2187.30	91.39	2,095.91
		04/16/2021	2187.30	92.30	2,095.00
MW-218S	Shallow Zone Upper Aquifer	07/08/2020	2187.45	92.07	2,095.38
		10/20/2020	2187.45	93.23	2,094.22
		01/22/2021	2187.45	93.91	2,093.54
		03/03/2021	2187.45	93.98	2,093.47
		04/16/2021	2187.45	94.27	2,093.18
MW-219S1	Shallow Zone Upper Aquifer	07/13/2020	2140.75	70.90	2,069.85
		10/21/2020	2140.75	70.95	2,069.80
		04/14/2021	2140.75	70.46	2,070.29
MW-219S2	Shallow Zone Upper Aquifer	10/21/2020	2140.87	71.93	2,068.94
MW-21A	Upper Aquifer	07/06/2020	2171.93	100.07	2,071.86
		10/13/2020	2171.93	98.92	2,073.01
		01/19/2021	2171.93	98.78	2,073.15
		04/09/2021	2171.93	99.19	2,072.74
MW-21B1	Deep Zone Upper Aquifer	07/06/2020	2172.72	104.84	2,067.88
		10/13/2020	2172.72	103.02	2,069.70
		01/19/2021	2172.72	102.83	2,069.89

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-21B1	Deep Zone Upper Aquifer	04/09/2021	2172.72	103.50	2,069.22
MW-21C	Lower Aquifer	10/13/2020	2172.63	97.91	2,074.72
		04/09/2021	2172.63	97.63	2,075.00
MW-220D	Deep Zone Upper Aquifer	07/07/2020	2208.14	92.22	2,115.92
		10/05/2020	2208.14	92.83	2,115.31
		01/11/2021	2208.14	92.43	2,115.71
		04/05/2021	2208.14	92.36	2,115.78
MW-220S	Shallow Zone Upper Aquifer	07/07/2020	2208.15	110.72	2,097.43
		10/05/2020	2208.15	109.04	2,099.11
		01/11/2021	2208.15	107.11	2,101.04
		04/05/2021	2208.15	105.87	2,102.28
MW-221S	Shallow Zone Upper Aquifer	07/08/2020	2158.21	81.46	2,076.75
		10/12/2020	2158.21	82.03	2,076.18
		01/21/2021	2158.21	82.11	2,076.10
		04/08/2021	2158.21	82.36	2,075.85
MW-226D	Deep Zone Upper Aquifer	10/08/2020	2147.23	76.59	2,070.64
MW-226S	Shallow Zone Upper Aquifer	10/08/2020	2147.70	76.52	2,071.18
		12/03/2020	2147.70	76.61	2,071.09
		04/07/2021	2147.70	76.69	2,071.01
MW-22B	Deep Zone Upper Aquifer	10/15/2020	2176.81	106.52	2,070.29
		04/12/2021	2176.81	105.93	2,070.88
MW-23B	Deep Zone Upper Aquifer	07/08/2020	2175.87	103.99	2,071.88
		10/15/2020	2175.87	104.76	2,071.11
		01/19/2021	2175.87	103.54	2,072.33
		04/14/2021	2175.87	104.87	2,071.00
MW-23C	Lower Aquifer	10/15/2020	2176.28	102.41	2,073.87
		04/14/2021	2176.28	102.67	2,073.61
MW-27A	Shallow Zone Upper Aquifer	10/21/2020	2185.47	105.71	2,079.76
		04/14/2021	2185.47	106.72	2,078.75
MW-27B	Deep Zone Upper Aquifer	10/21/2020	2185.19	108.70	2,076.49
		04/14/2021	2185.19	111.46	2,073.73
MW-28B	Deep Zone Upper Aquifer	10/15/2020	2176.94	103.52	2,073.42
		04/13/2021	2176.94	102.73	2,074.21
MW-28C	Lower Aquifer	10/15/2020	2174.96	100.45	2,074.51
		04/13/2021	2174.96	99.95	2,075.01
MW-29	Shallow Zone Upper Aquifer	10/14/2020	2171.76	93.64	2,078.12

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-29	Shallow Zone Upper Aquifer	04/14/2021	2171.76	93.79	2,077.97
MW-30B2	Deep Zone Upper Aquifer	07/08/2020	2175.03	105.33	2,069.70
		10/14/2020	2175.03	104.62	2,070.41
		01/19/2021	2175.03	103.93	2,071.10
		04/14/2021	2175.03	104.89	2,070.14
MW-31	Deep Zone Upper Aquifer	07/07/2020	2172.52	103.19	2,069.34
		10/13/2020	2172.52	102.12	2,070.41
		01/19/2021	2172.52	101.61	2,070.92
		04/08/2021	2172.52	102.38	2,070.15
MW-31C	Lower Aquifer	10/13/2020	2170.17	96.93	2,073.24
		04/08/2021	2170.17	96.11	2,074.06
MW-32B1	Deep Zone Upper Aquifer	07/07/2020	2172.80	103.00	2,069.80
		10/14/2020	2172.80	102.13	2,070.67
		01/19/2021	2172.80	101.55	2,071.25
		04/09/2021	2172.80	102.41	2,070.39
MW-32S	Shallow Zone Upper Aquifer	07/07/2020	2169.75	83.25	2,086.50
		10/14/2020	2169.75	82.24	2,087.51
		01/19/2021	2169.75	84.41	2,085.34
		04/09/2021	2169.75	83.72	2,086.03
MW-34	Lower Aquifer	10/14/2020	2169.70	94.56	2,075.14
		04/14/2021	2169.70	95.38	2,074.32
MW-36	Shallow Zone Upper Aquifer	07/15/2020	2204.67	108.18	2,096.49
		10/21/2020	2204.67	105.66	2,099.01
		01/05/2021	2204.67	103.92	2,100.75
		01/21/2021	2204.67	103.52	2,101.15
		04/16/2021	2204.67	103.00	2,101.67
MW-37	Shallow Zone Upper Aquifer	07/15/2020	2199.76	108.02	2,091.74
		10/21/2020	2199.76	108.11	2,091.65
		01/05/2021	2199.76	108.21	2,091.55
		04/16/2021	2199.76	108.20	2,091.56
MW-38B	Deep Zone Upper Aquifer	07/15/2020	2191.55	113.43	2,078.12
		10/21/2020	2191.55	114.28	2,077.27
		02/03/2021	2191.55	114.63	2,076.92
		05/06/2021	2191.55	114.80	2,076.75
MW-39	Shallow Zone Upper Aquifer	07/22/2020	2202.02	90.17	2,111.85
		10/22/2020	2202.02	91.83	2,110.19
		01/04/2021	2202.02	92.94	2,109.08

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-39	Shallow Zone Upper Aquifer	04/22/2021	2202.02	93.75	2,108.27
MW-39D	Deep Zone Upper Aquifer	07/22/2020	2201.75	87.50	2,114.25
		10/22/2020	2201.75	89.05	2,112.70
		01/04/2021	2201.75	90.23	2,111.52
		04/22/2021	2201.75	91.05	2,110.70
MW-41S	Shallow Zone Upper Aquifer	07/08/2020	2174.98	88.32	2,086.66
		10/14/2020	2174.98	88.61	2,086.37
		01/21/2021	2174.98	88.60	2,086.38
		04/14/2021	2174.98	88.59	2,086.39
MW-42B1	Deep Zone Upper Aquifer	10/14/2020	2175.93	105.50	2,070.43
		04/08/2021	2175.93	104.61	2,071.32
MW-42B2	Deep Zone Upper Aquifer	10/14/2020	2175.74	105.37	2,070.37
		04/08/2021	2175.74	104.42	2,071.32
MW-42C	Lower Aquifer	10/14/2020	2172.59	98.96	2,073.64
		04/08/2021	2172.59	98.64	2,073.96
MW-43	Deep Zone Upper Aquifer	10/13/2020	2172.19	102.32	2,069.87
		04/08/2021	2172.19	103.64	2,068.55
MW-44B	Deep Zone Upper Aquifer	10/21/2020	2191.34	110.27	2,081.07
		04/15/2021	2191.34	110.60	2,080.74
MW-45A	Shallow Zone Upper Aquifer	10/14/2020	2181.18	101.20	2,079.98
		04/07/2021	2181.18	101.43	2,079.75
MW-45B	Deep Zone Upper Aquifer	10/14/2020	2181.07	101.05	2,080.02
		04/07/2021	2181.07	101.24	2,079.83
MW-46M	Shallow Zone Upper Aquifer	07/15/2020	2198.27	102.87	2,095.40
		10/21/2020	2198.27	103.71	2,094.56
		12/03/2020	2198.27	103.73	2,094.54
		01/19/2021	2198.27	104.18	2,094.09
		04/12/2021	2198.27	103.89	2,094.38
MW-47	Upper Aquifer	10/14/2020	2173.65	92.25	2,081.40
		04/07/2021	2173.65	92.41	2,081.24
MW-49A	Deep Zone Upper Aquifer	10/15/2020	2180.68	99.25	2,081.43
		04/08/2021	2180.68	100.01	2,080.67
MW-49B	Deep Zone Upper Aquifer	10/15/2020	2180.86	100.44	2,080.42
		04/08/2021	2180.86	101.31	2,079.55
MW-49S	Shallow Zone Upper Aquifer	10/15/2020	2177.27	94.81	2,082.46
		04/08/2021	2177.27	95.41	2,081.86

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-50B	Deep Zone Upper Aquifer	07/08/2020	2176.96	104.65	2,072.31
		10/14/2020	2176.96	104.19	2,072.77
		04/14/2021	2176.96	104.61	2,072.35
		06/03/2021	2176.96	106.95	2,070.01
MW-50S	Shallow Zone Upper Aquifer	07/08/2020	2173.42	86.30	2,087.12
		10/14/2020	2173.42	86.39	2,087.03
		01/21/2021	2173.42	86.23	2,087.19
		04/14/2021	2173.42	85.92	2,087.50
MW-51	Shallow Zone Upper Aquifer	11/06/2020	2216.68	98.80	2,117.88
		01/11/2021	2216.68	99.15	2,117.53
		04/16/2021	2216.68	99.34	2,117.34
MW-52	Deep Zone Upper Aquifer	07/08/2020	2193.40	101.42	2,091.98
		09/01/2020	2193.40	102.05	2,091.35
		10/21/2020	2193.40	102.51	2,090.89
		01/21/2021	2193.40	102.19	2,091.21
		04/16/2021	2193.40	101.94	2,091.46
MW-55A	Deep Zone Upper Aquifer	07/07/2020	2167.28	99.21	2,068.07
		10/12/2020	2167.28	97.51	2,069.77
		01/22/2021	2167.28	99.21	2,068.07
		04/09/2021	2167.28	97.64	2,069.64
MW-55C	Lower Aquifer	10/12/2020	2164.33	89.16	2,075.17
		04/09/2021	2164.33	88.46	2,075.87
MW-55S	Shallow Zone Upper Aquifer	07/07/2020	2164.43	81.99	2,082.44
		10/12/2020	2164.43	82.70	2,081.73
		01/22/2021	2164.43	83.17	2,081.26
		04/09/2021	2164.43	82.84	2,081.59
MW-56	Deep Zone Upper Aquifer	10/14/2020	2177.29	106.07	2,071.22
		04/14/2021	2177.29	105.95	2,071.34
MW-57	Shallow Zone Upper Aquifer	10/14/2020	2166.72	83.40	2,083.32
		04/08/2021	2166.72	83.13	2,083.59
MW-57D	Deep Zone Upper Aquifer	10/14/2020	2167.00	80.78	2,086.22
		04/08/2021	2167.00	80.59	2,086.41
MW-58	Shallow Zone Upper Aquifer	10/14/2020	2181.71	90.60	2,091.11
		04/15/2021	2181.71	90.78	2,090.93
MW-59	Shallow Zone Upper Aquifer	10/14/2020	2176.72	88.13	2,088.59
		12/04/2020	2176.72	88.27	2,088.45
MW-62A	Deep Zone Upper Aquifer	10/13/2020	2168.94	102.59	2,066.35

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-62A	Deep Zone Upper Aquifer	04/15/2021	2168.94	102.01	2,066.93
MW-62C	Lower Aquifer	10/13/2020	2168.05	92.92	2,075.13
		04/14/2021	2168.05	93.19	2,074.86
MW-63	Shallow Zone Upper Aquifer	07/09/2020	2168.34	89.02	2,079.32
		10/13/2020	2168.34	89.55	2,078.79
		01/19/2021	2168.34	89.83	2,078.51
MW-66A	Shallow Zone Upper Aquifer	10/14/2020	2179.78	93.90	2,085.88
		12/04/2020	2179.78	93.91	2,085.87
		04/07/2021	2179.78	94.00	2,085.78
MW-67B	Deep Zone Upper Aquifer	07/07/2020	2212.98	112.42	2,100.56
		10/05/2020	2212.98	111.71	2,101.27
		01/11/2021	2212.98	111.22	2,101.76
		04/05/2021	2212.98	110.64	2,102.34
MW-68C	Lower Aquifer	10/12/2020	2167.05	92.31	2,074.74
		04/09/2021	2167.05	92.33	2,074.72
MW-68D	Deep Zone Upper Aquifer	07/08/2020	2166.93	101.77	2,065.16
		10/12/2020	2166.93	100.31	2,066.62
		01/14/2021	2166.93	101.71	2,065.22
		04/09/2021	2166.93	100.33	2,066.60
MW-68S	Shallow Zone Upper Aquifer	07/08/2020	2166.93	85.96	2,080.97
		09/02/2020	2166.93	86.51	2,080.42
		10/12/2020	2166.93	86.69	2,080.24
		12/03/2020	2166.93	87.40	2,079.53
		01/14/2021	2166.93	87.64	2,079.29
		04/09/2021	2166.93	88.11	2,078.82
MW-69D	Deep Zone Upper Aquifer	10/12/2020	2162.04	90.23	2,071.81
		04/14/2021	2162.04	90.51	2,071.53
MW-69S	Shallow Zone Upper Aquifer	10/12/2020	2162.04	84.38	2,077.66
		11/04/2020	2162.04	84.86	2,077.18
		04/14/2021	2162.04	85.05	2,076.99
MW-70D	Deep Zone Upper Aquifer	07/09/2020	2159.34	93.41	2,065.93
		10/12/2020	2159.34	90.94	2,068.40
		01/14/2021	2159.34	93.70	2,065.64
		04/09/2021	2159.34	92.17	2,067.17
MW-70S	Shallow Zone Upper Aquifer	07/09/2020	2159.33	83.20	2,076.13
		10/12/2020	2159.33	81.64	2,077.69
		01/14/2021	2159.33	82.13	2,077.20

Table D-1
Groundwater Level Measurements
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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-70S	Shallow Zone Upper Aquifer	04/09/2021	2159.33	82.91	2,076.42
MW-71D	Deep Zone Upper Aquifer	07/09/2020	2159.97	93.31	2,066.66
		10/12/2020	2159.97	90.00	2,069.97
		01/14/2021	2159.97	94.66	2,065.31
		04/09/2021	2159.97	92.26	2,067.71
MW-71S	Shallow Zone Upper Aquifer	07/09/2020	2160.02	85.41	2,074.61
		10/12/2020	2160.02	85.41	2,074.61
		01/14/2021	2160.02	85.46	2,074.56
		04/09/2021	2160.02	85.89	2,074.13
MW-72S	Shallow Zone Upper Aquifer	10/12/2020	2161.07	83.59	2,077.48
		04/14/2021	2161.07	84.52	2,076.55
MW-73D	Deep Zone Upper Aquifer	07/15/2020	2205.03	108.62	2,096.41
		10/21/2020	2205.03	106.28	2,098.75
		01/05/2021	2205.03	104.68	2,100.35
		04/16/2021	2205.03	103.50	2,101.53
MW-73S	Shallow Zone Upper Aquifer	07/15/2020	2204.86	109.11	2,095.76
		01/05/2021	2204.86	105.32	2,099.55
		04/16/2021	2204.86	103.71	2,101.16
MW-74D	Shallow Zone Upper Aquifer	07/15/2020	2205.97	111.62	2,094.35
		10/21/2020	2205.97	111.62	2,094.35
		01/05/2021	2205.97	111.69	2,094.28
		04/16/2021	2205.97	111.87	2,094.10
		06/04/2021	2205.97	111.51	2,094.46
MW-74D2	Deep Zone Upper Aquifer	07/15/2020	2205.90	110.89	2,095.01
		10/21/2020	2205.90	110.87	2,095.03
		01/05/2021	2205.90	110.84	2,095.06
		04/16/2021	2205.90	110.97	2,094.93
MW-75D	Deep Zone Upper Aquifer	07/15/2020	2193.93	106.61	2,087.32
		10/21/2020	2193.93	106.90	2,087.03
		02/03/2021	2193.93	107.06	2,086.87
		05/06/2021	2193.93	107.41	2,086.52
MW-76S	Shallow Zone Upper Aquifer	10/15/2020	2186.40	105.52	2,080.88
		04/07/2021	2186.40	105.69	2,080.71
MW-77S	Shallow Zone Upper Aquifer	11/06/2020	2211.64	91.41	2,120.23
MW-78D	Deep Zone Upper Aquifer	07/15/2020	2206.16	83.09	2,123.07
		01/13/2021	2206.16	83.71	2,122.45
MW-78S	Shallow Zone Upper Aquifer	07/15/2020	2206.05	88.73	2,117.32

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-78S	Shallow Zone Upper Aquifer	09/01/2020	2206.05	88.24	2,117.81
		10/21/2020	2206.05	88.00	2,118.05
		01/13/2021	2206.05	88.51	2,117.54
		04/21/2021	2206.05	88.41	2,117.64
MW-79S	Shallow Zone Upper Aquifer	10/13/2020	2159.86	82.68	2,077.18
		01/21/2021	2159.86	82.70	2,077.16
		03/01/2021	2159.86	82.71	2,077.15
		04/15/2021	2159.86	83.11	2,076.75
MW-80S	Shallow Zone Upper Aquifer	07/09/2020	2159.91	81.74	2,078.17
		09/02/2020	2159.91	82.00	2,077.91
		10/13/2020	2159.91	82.10	2,077.81
		01/21/2021	2159.91	82.38	2,077.53
		04/15/2021	2159.91	82.81	2,077.10
MW-83D	Shallow Zone Upper Aquifer	07/09/2020	2166.42	86.99	2,079.43
		10/12/2020	2166.42	88.15	2,078.27
		01/22/2021	2166.42	88.42	2,078.00
		04/14/2021	2166.42	88.64	2,077.78
MW-83S	Shallow Zone Upper Aquifer	07/09/2020	2166.48	86.07	2,080.41
		10/12/2020	2166.48	88.20	2,078.28
		01/22/2021	2166.48	88.50	2,077.98
		04/14/2021	2166.48	88.72	2,077.76
		06/03/2021	2166.48	88.75	2,077.73
MW-84D	Deep Zone Upper Aquifer	07/09/2020	2156.94	84.62	2,072.32
		10/12/2020	2156.94	82.46	2,074.48
		01/14/2021	2156.94	84.23	2,072.71
		04/09/2021	2156.94	84.52	2,072.42
MW-84S	Shallow Zone Upper Aquifer	07/09/2020	2156.88	81.31	2,075.57
		10/12/2020	2156.88	80.78	2,076.10
		01/14/2021	2156.88	80.91	2,075.97
MW-85D	Deep Zone Upper Aquifer	07/09/2020	2156.83	86.89	2,069.94
		10/12/2020	2156.83	84.15	2,072.68
		01/22/2021	2156.83	87.82	2,069.01
		04/09/2021	2156.83	87.61	2,069.22
MW-85S	Shallow Zone Upper Aquifer	07/09/2020	2157.01	79.82	2,077.19
		10/12/2020	2157.01	79.76	2,077.25
		01/22/2021	2157.01	80.11	2,076.90
		04/09/2021	2157.01	80.59	2,076.42

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-86D	Deep Zone Upper Aquifer	10/13/2020	2167.71	94.68	2,073.03
		04/15/2021	2167.71	95.14	2,072.57
MW-86S	Shallow Zone Upper Aquifer	10/13/2020	2167.45	86.41	2,081.04
		04/15/2021	2167.45	87.02	2,080.43
MW-87D	Deep Zone Upper Aquifer	10/13/2020	2166.56	93.39	2,073.17
		12/03/2020	2166.56	92.84	2,073.72
		04/15/2021	2166.56	94.22	2,072.34
MW-87S	Shallow Zone Upper Aquifer	10/13/2020	2166.58	81.90	2,084.68
		04/15/2021	2166.58	82.31	2,084.27
MW-88D	Deep Zone Upper Aquifer	10/13/2020	2171.81	98.53	2,073.28
		04/15/2021	2171.81	99.00	2,072.81
MW-88S	Shallow Zone Upper Aquifer	10/13/2020	2171.82	85.03	2,086.79
		04/15/2021	2171.82	85.80	2,086.02
MW-89D	Deep Zone Upper Aquifer	07/09/2020	2157.53	88.18	2,069.35
		10/12/2020	2157.53	86.48	2,071.05
		01/22/2021	2157.53	87.81	2,069.72
		04/12/2021	2157.53	87.41	2,070.12
MW-89S	Shallow Zone Upper Aquifer	07/09/2020	2157.57	79.72	2,077.85
		10/12/2020	2157.57	80.07	2,077.50
		01/22/2021	2157.57	80.41	2,077.16
		04/12/2021	2157.57	80.62	2,076.95
MW-90C	Lower Aquifer	10/20/2020	2172.70	92.32	2,080.38
		04/07/2021	2172.70	98.20	2,074.50
		06/03/2021	2172.70	99.23	2,073.47
MW-91C	Lower Aquifer	10/15/2020	2175.04	100.61	2,074.43
		04/13/2021	2175.04	99.85	2,075.19
MW-92C	Lower Aquifer	07/09/2020	2172.12	98.46	2,073.66
		10/15/2020	2172.12	99.31	2,072.81
		01/20/2021	2172.12	98.38	2,073.74
		04/13/2021	2172.12	98.34	2,073.78
MW-93C	Lower Aquifer	10/15/2020	2180.08	103.45	2,076.63
		04/07/2021	2180.08	102.79	2,077.29
MW-94D	Shallow Zone Upper Aquifer	10/09/2020	2156.29	80.05	2,076.24
MW-94S	Shallow Zone Upper Aquifer	07/10/2020	2156.26	79.54	2,076.72
		10/09/2020	2156.26	79.89	2,076.37
		01/21/2021	2156.26	80.00	2,076.26
		04/14/2021	2156.26	80.36	2,075.90

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
MW-95D	Deep Zone Upper Aquifer	04/12/2021	2177.28	103.65	2,073.64
MW-95S	Shallow Zone Upper Aquifer	10/21/2020	2177.29	92.61	2,084.68
		04/12/2021	2177.29	93.52	2,083.77
MW-96D	Deep Zone Upper Aquifer	04/12/2021	2165.28	92.22	2,073.06
MW-96S	Shallow Zone Upper Aquifer	10/13/2020	2165.19	81.66	2,083.53
		04/12/2021	2165.19	82.03	2,083.16
MW-97D	Shallow Zone Upper Aquifer	04/14/2021	2165.50	87.17	2,078.33
MW-97S	Shallow Zone Upper Aquifer	10/09/2020	2165.49	86.82	2,078.67
		04/14/2021	2165.49	87.09	2,078.40
MW-98C	Lower Aquifer	10/14/2020	2174.64	98.65	2,075.99
		04/07/2021	2174.64	98.20	2,076.44
MW-99C	Lower Aquifer	10/14/2020	2173.85	99.32	2,074.53
		04/13/2021	2173.85	99.77	2,074.08
PMW-01	Deep Zone Upper Aquifer	07/23/2020	2200.88	86.60	2,114.28
		10/21/2020	2200.88	88.25	2,112.63
		01/20/2021	2200.88	89.78	2,111.10
		04/21/2021	2200.88	90.71	2,110.17
PMW-02	Shallow Zone Upper Aquifer	07/22/2020	2199.16	105.79	2,093.37
		10/21/2020	2199.16	106.41	2,092.75
		01/21/2021	2199.16	106.51	2,092.65
		04/21/2021	2199.16	107.13	2,092.03
PMW-03	Deep Zone Upper Aquifer	07/22/2020	2197.20	100.29	2,096.91
		10/21/2020	2197.20	101.34	2,095.86
		01/21/2021	2197.20	100.46	2,096.74
		04/21/2021	2197.20	101.72	2,095.48
PMW-04	Upper Aquifer	07/22/2020	2197.31	92.60	2,104.71
		10/21/2020	2197.31	91.92	2,105.39
		01/21/2021	2197.31	88.53	2,108.78
		04/21/2021	2197.31	89.99	2,107.32
PMW-05	Upper Aquifer	07/22/2020	2198.65	93.00	2,105.65
		10/21/2020	2198.65	91.73	2,106.92
		01/21/2021	2198.65	92.21	2,106.44
		04/21/2021	2198.65	90.39	2,108.26
PMW-06	Upper Aquifer	07/22/2020	2200.56	92.30	2,108.26
		10/21/2020	2200.56	92.16	2,108.40
		01/21/2021	2200.56	92.00	2,108.56

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
PMW-06	Upper Aquifer	04/21/2021	2200.56	91.25	2,109.31
PT1-MW-04	Upper Aquifer	07/16/2020	2197.24	93.47	2,103.77
		11/03/2020	2197.24	92.28	2,104.96
		01/15/2021	2197.24	91.85	2,105.39
		04/16/2021	2197.24	90.83	2,106.41
PT2-MW-09	Upper Aquifer	07/16/2020	2190.72	95.39	2,095.33
		11/03/2020	2190.72	96.02	2,094.70
		01/06/2021	2190.72	96.39	2,094.33
PT2-MW-10	Deep Zone Upper Aquifer	07/16/2020	2194.09	95.65	2,098.44
		11/04/2020	2194.09	96.70	2,097.39
		01/06/2021	2194.09	97.13	2,096.96
		04/21/2021	2194.09	95.21	2,098.88
PT2-MW-11	Upper Aquifer	07/16/2020	2194.40	95.92	2,098.48
		11/04/2020	2194.40	97.21	2,097.19
		01/06/2021	2194.40	97.79	2,096.61
RD-01	Upper Aquifer	07/22/2020	2199.74	85.73	2,114.01
		10/22/2020	2199.74	87.44	2,112.30
		01/20/2021	2199.74	88.96	2,110.78
		04/22/2021	2199.74	90.15	2,109.59
SA-MW-01D	Deep Zone Upper Aquifer	07/14/2020	2200.08	94.78	2,105.30
		01/07/2021	2200.08	92.54	2,107.54
SA-MW-01S	Shallow Zone Upper Aquifer	07/14/2020	2199.98	93.61	2,106.37
		10/16/2020	2199.98	93.63	2,106.35
		01/07/2021	2199.98	93.25	2,106.73
		05/06/2021	2199.98	91.91	2,108.07
SA-MW-02D	Deep Zone Upper Aquifer	07/14/2020	2198.78	87.90	2,110.88
		01/07/2021	2198.78	88.11	2,110.67
SA-MW-02S	Shallow Zone Upper Aquifer	07/14/2020	2198.68	93.80	2,104.88
		10/16/2020	2198.68	93.41	2,105.27
		01/07/2021	2198.68	92.75	2,105.93
		05/06/2021	2198.68	91.32	2,107.36
SA-MW-03S	Shallow Zone Upper Aquifer	07/14/2020	2196.83	86.85	2,109.98
SA-MW-04S	Shallow Zone Upper Aquifer	07/14/2020	2195.37	93.04	2,102.33
		10/16/2020	2195.37	92.51	2,102.86
		01/07/2021	2195.37	91.48	2,103.89
SA-MW-05D	Deep Zone Upper Aquifer	07/20/2020	2194.39	93.21	2,101.18
		10/15/2020	2194.39	92.26	2,102.13

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SA-MW-05D	Deep Zone Upper Aquifer	01/07/2021	2194.39	90.79	2,103.60
		05/06/2021	2194.39	89.58	2,104.81
SA-MW-06D	Deep Zone Upper Aquifer	07/20/2020	2201.26	103.63	2,097.63
		01/08/2021	2201.26	99.64	2,101.62
SA-MW-06S	Shallow Zone Upper Aquifer	07/20/2020	2201.24	96.42	2,104.82
		10/15/2020	2201.24	96.03	2,105.21
		01/08/2021	2201.24	96.46	2,104.78
		05/06/2021	2201.24	92.21	2,109.03
SA-MW-07D	Deep Zone Upper Aquifer	07/20/2020	2199.59	95.49	2,104.10
		10/15/2020	2199.59	94.85	2,104.74
		01/08/2021	2199.59	94.14	2,105.45
		05/06/2021	2199.59	90.78	2,108.81
SA-MW-08S	Shallow Zone Upper Aquifer	07/20/2020	2197.65	94.51	2,103.14
		01/08/2021	2197.65	93.80	2,103.85
SA-MW-09D	Deep Zone Upper Aquifer	07/21/2020	2195.28	86.60	2,108.68
SA-MW-09S	Shallow Zone Upper Aquifer	07/21/2020	2195.29	93.30	2,101.99
		10/13/2020	2195.29	92.58	2,102.71
		01/08/2021	2195.29	91.72	2,103.57
		05/06/2021	2195.29	89.35	2,105.94
SA-MW-10D	Deep Zone Upper Aquifer	07/21/2020	2194.40	92.60	2,101.80
		10/13/2020	2194.40	92.08	2,102.32
		01/08/2021	2194.40	91.07	2,103.33
		05/06/2021	2194.40	89.22	2,105.18
SA-MW-10S	Shallow Zone Upper Aquifer	07/21/2020	2194.31	92.68	2,101.63
		01/08/2021	2194.31	91.02	2,103.29
SA-MW-11D	Deep Zone Upper Aquifer	07/21/2020	2202.44	105.25	2,097.19
		01/08/2021	2202.44	101.35	2,101.09
SA-MW-11S	Shallow Zone Upper Aquifer	07/21/2020	2202.43	98.65	2,103.78
		10/13/2020	2202.43	98.26	2,104.17
		01/08/2021	2202.43	97.15	2,105.28
		04/21/2021	2202.43	97.18	2,105.25
SA-MW-13S	Shallow Zone Upper Aquifer	07/24/2020	2197.33	93.50	2,103.83
		10/16/2020	2197.33	94.01	2,103.32
		01/08/2021	2197.33	94.44	2,102.89
		04/21/2021	2197.33	92.44	2,104.89
SA-MW-14D	Deep Zone Upper Aquifer	07/24/2020	2194.50	92.13	2,102.37
		10/16/2020	2194.50	92.03	2,102.47

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SA-MW-14D	Deep Zone Upper Aquifer	01/08/2021	2194.50	93.28	2,101.22
SA-MW-15D	Deep Zone Upper Aquifer	07/08/2020	2192.35	94.65	2,097.70
		01/08/2021	2192.35	94.02	2,098.33
SA-MW-15S	Shallow Zone Upper Aquifer	07/08/2020	2192.34	95.31	2,097.03
		10/16/2020	2192.34	95.51	2,096.83
		01/08/2021	2192.34	95.52	2,096.82
		04/21/2021	2192.34	96.14	2,096.20
SA-MW-16S	Shallow Zone Upper Aquifer	07/09/2020	2205.35	101.61	2,103.74
		10/16/2020	2205.35	100.69	2,104.66
		01/08/2021	2205.35	99.98	2,105.37
		04/05/2021	2205.35	99.41	2,105.94
SA-MW-17D	Deep Zone Upper Aquifer	07/09/2020	2204.89	101.74	2,103.15
		01/13/2021	2204.89	99.41	2,105.48
SA-MW-17S	Shallow Zone Upper Aquifer	07/08/2020	2204.88	99.81	2,105.07
		10/13/2020	2204.88	99.44	2,105.44
		01/13/2021	2204.88	98.71	2,106.17
		04/15/2021	2204.88	98.00	2,106.88
SA-MW-18D	Deep Zone Upper Aquifer	07/08/2020	2203.57	106.72	2,096.85
		01/13/2021	2203.57	102.61	2,100.96
		04/21/2021	2203.57	101.54	2,102.03
SA-MW-18S	Shallow Zone Upper Aquifer	07/08/2020	2203.60	98.99	2,104.61
		10/13/2020	2203.60	98.80	2,104.80
		01/13/2021	2203.60	97.58	2,106.02
		04/21/2021	2203.60	97.66	2,105.94
SA-MW-20D	Deep Zone Upper Aquifer	07/08/2020	2194.50	94.70	2,099.80
		10/13/2020	2194.50	95.50	2,099.00
		01/11/2021	2194.50	92.37	2,102.13
		05/06/2021	2194.50	92.26	2,102.24
SA-MW-21D	Deep Zone Upper Aquifer	07/06/2020	2193.89	98.60	2,095.29
		01/11/2021	2193.89	97.31	2,096.58
SA-MW-21S	Shallow Zone Upper Aquifer	07/06/2020	2193.93	97.25	2,096.68
SA-MW-22D	Deep Zone Upper Aquifer	07/06/2020	2194.86	105.54	2,089.33
SA-MW-23D	Deep Zone Upper Aquifer	07/06/2020	2195.43	102.62	2,092.81
		10/19/2020	2195.43	103.53	2,091.90
		01/11/2021	2195.43	103.58	2,091.85
		04/23/2021	2195.43	103.57	2,091.86
SA-MW-24D	Deep Zone Upper Aquifer	07/06/2020	2196.66	103.44	2,093.22

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SA-MW-24D	Deep Zone Upper Aquifer	01/13/2021	2196.66	104.71	2,091.95
SA-MW-25D	Deep Zone Upper Aquifer	07/07/2020	2198.24	103.70	2,094.54
		09/01/2020	2198.24	104.02	2,094.22
		10/19/2020	2198.24	104.51	2,093.73
		01/13/2021	2198.24	104.59	2,093.65
		04/23/2021	2198.24	104.06	2,094.18
SA-MW-25S	Shallow Zone Upper Aquifer	07/07/2020	2198.25	106.30	2,091.95
		01/13/2021	2198.25	107.40	2,090.85
SA-MW-26D	Deep Zone Upper Aquifer	07/07/2020	2208.84	91.36	2,117.48
		10/19/2020	2208.84	91.94	2,116.90
		01/13/2021	2208.84	92.13	2,116.71
		05/06/2021	2208.84	92.12	2,116.72
SA-MW-26S	Shallow Zone Upper Aquifer	07/07/2020	2208.89	93.18	2,115.71
		10/19/2020	2208.89	94.45	2,114.44
		01/13/2021	2208.89	95.10	2,113.79
		05/06/2021	2208.89	95.89	2,113.00
SA-MW-27D	Deep Zone Upper Aquifer	07/07/2020	2199.03	97.74	2,101.29
		10/19/2020	2199.03	98.92	2,100.11
		12/03/2020	2199.03	99.50	2,099.53
		01/04/2021	2199.03	99.69	2,099.34
		04/13/2021	2199.03	100.18	2,098.85
SA-MW-27SR	Shallow Zone Upper Aquifer	07/07/2020	2198.50	98.71	2,099.79
		10/19/2020	2198.50	99.58	2,098.92
		01/04/2021	2198.50	100.21	2,098.29
SA-MW-34D	Deep Zone Upper Aquifer	07/16/2020	2203.13	82.61	2,120.52
SA-MW-34S	Shallow Zone Upper Aquifer	07/16/2020	2203.35	85.11	2,118.24
		03/02/2021	2203.35	84.08	2,119.27
		04/22/2021	2203.35	83.41	2,119.94
SA-MW-35D	Deep Zone Upper Aquifer	07/16/2020	2201.98	87.26	2,114.72
		01/04/2021	2201.98	89.96	2,112.02
SA-MW-36D	Deep Zone Upper Aquifer	07/16/2020	2198.21	98.11	2,100.10
		01/04/2021	2198.21	99.55	2,098.66
		03/02/2021	2198.21	99.89	2,098.32
SA-MW-37D	Deep Zone Upper Aquifer	07/16/2020	2198.63	98.69	2,099.94
		10/19/2020	2198.63	99.56	2,099.07
		01/04/2021	2198.63	99.91	2,098.72
		04/22/2021	2198.63	100.68	2,097.95

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SA-MW-38D	Deep Zone Upper Aquifer	07/16/2020	2207.58	108.66	2,098.92
		10/19/2020	2207.58	106.21	2,101.37
		01/12/2021	2207.58	104.43	2,103.15
		05/06/2021	2207.58	103.61	2,103.97
SA-MW-38S	Shallow Zone Upper Aquifer	07/16/2020	2207.65	100.63	2,107.02
		10/19/2020	2207.65	100.22	2,107.43
		01/12/2021	2207.65	99.32	2,108.33
		05/06/2021	2207.65	97.71	2,109.94
SA-MW-39D	Deep Zone Upper Aquifer	07/17/2020	2199.16	82.93	2,116.23
		10/19/2020	2199.16	84.72	2,114.44
		01/04/2021	2199.16	85.25	2,113.91
		04/13/2021	2199.16	85.66	2,113.50
SA-MW-39S	Shallow Zone Upper Aquifer	07/17/2020	2198.96	82.81	2,116.15
		10/19/2020	2198.96	83.88	2,115.08
		01/04/2021	2198.96	84.97	2,113.99
		04/13/2021	2198.96	85.85	2,113.11
SA-MW-40D	Deep Zone Upper Aquifer	07/17/2020	2201.01	81.55	2,119.46
		10/19/2020	2201.01	83.29	2,117.72
		01/04/2021	2201.01	83.39	2,117.62
		04/13/2021	2201.01	83.46	2,117.55
SA-MW-40S	Shallow Zone Upper Aquifer	07/17/2020	2200.72	84.61	2,116.11
		10/19/2020	2200.72	85.03	2,115.69
		01/04/2021	2200.72	85.25	2,115.47
		04/13/2021	2200.72	85.58	2,115.14
SA-MW-41	Shallow Zone Upper Aquifer	07/17/2020	2208.36	91.93	2,116.43
		10/19/2020	2208.36	92.87	2,115.49
		01/05/2021	2208.36	93.65	2,114.71
		04/16/2021	2208.36	94.57	2,113.79
SA-MW-42M	Shallow Zone Upper Aquifer	07/17/2020	2202.78	86.74	2,116.04
		10/19/2020	2202.78	87.81	2,114.97
		01/13/2021	2202.78	88.30	2,114.48
		04/13/2021	2202.78	88.78	2,114.00
SA-MW-42S	Shallow Zone Upper Aquifer	07/17/2020	2202.77	86.38	2,116.39
		10/19/2020	2202.77	87.44	2,115.33
		01/13/2021	2202.77	88.50	2,114.27
		04/13/2021	2202.77	89.33	2,113.44
SA-MW-43M	Shallow Zone Upper Aquifer	07/17/2020	2202.89	84.15	2,118.74

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SA-MW-43M	Shallow Zone Upper Aquifer	10/19/2020	2202.89	84.51	2,118.38
		01/13/2021	2202.89	85.39	2,117.50
		04/22/2021	2202.89	84.93	2,117.96
SA-MW-43S	Shallow Zone Upper Aquifer	07/17/2020	2203.08	86.35	2,116.73
		10/19/2020	2203.08	87.49	2,115.59
		01/13/2021	2203.08	85.37	2,117.71
		04/22/2021	2203.08	84.24	2,118.84
SA-MW-44S	Shallow Zone Upper Aquifer	07/17/2020	2193.19	98.14	2,095.05
		10/16/2020	2193.19	98.59	2,094.60
		01/08/2021	2193.19	97.81	2,095.38
		04/23/2021	2193.19	95.51	2,097.68
SA-SM-01S	Shallow Zone Upper Aquifer	07/23/2020	2200.81	95.34	2,105.47
		10/22/2020	2200.81	94.52	2,106.29
		01/14/2021	2200.81	94.69	2,106.12
		04/22/2021	2200.81	93.78	2,107.03
SA-SM-02S	Shallow Zone Upper Aquifer	07/23/2020	2200.95	95.51	2,105.44
		10/22/2020	2200.95	95.28	2,105.67
		01/14/2021	2200.95	95.00	2,105.95
		04/22/2021	2200.95	94.14	2,106.81
SA-SM-03SR	Shallow Zone Upper Aquifer	07/23/2020	2198.84	96.23	2,102.61
		10/22/2020	2198.84	96.55	2,102.29
		01/14/2021	2198.84	96.73	2,102.11
		04/22/2021	2198.84	96.64	2,102.20
SA-SM-05S	Shallow Zone Upper Aquifer	07/23/2020	2200.87	85.99	2,114.88
SA-SM-06S	Shallow Zone Upper Aquifer	07/23/2020	2203.78	95.41	2,108.37
		10/22/2020	2203.78	95.13	2,108.65
		01/21/2021	2203.78	95.29	2,108.49
		04/22/2021	2203.78	94.89	2,108.89
SA-SM-07S	Shallow Zone Upper Aquifer	07/22/2020	2199.87	87.88	2,111.99
SA-SM-08D	Deep Zone Upper Aquifer	07/22/2020	2199.17	83.61	2,115.56
		10/22/2020	2199.17	84.86	2,114.31
		01/14/2021	2199.17	86.15	2,113.02
		03/02/2021	2199.17	85.84	2,113.33
		04/22/2021	2199.17	86.54	2,112.63
SA-SM-08S	Shallow Zone Upper Aquifer	07/22/2020	2199.23	85.16	2,114.07
		09/01/2020	2199.23	85.91	2,113.32
		01/21/2021	2199.23	88.31	2,110.92

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SA-SM-09S	Shallow Zone Upper Aquifer	07/22/2020	2196.12	102.70	2,093.42
		01/14/2021	2196.12	101.95	2,094.17
SA-SM-10D	Deep Zone Upper Aquifer	07/23/2020	2196.42	90.20	2,106.22
SA-SM-10S	Shallow Zone Upper Aquifer	07/23/2020	2196.38	97.33	2,099.05
SA-SM-11D	Deep Zone Upper Aquifer	07/23/2020	2197.39	83.69	2,113.70
		01/14/2021	2197.39	86.58	2,110.81
SA-SM-11S	Shallow Zone Upper Aquifer	07/23/2020	2197.40	93.61	2,103.79
		10/22/2020	2197.40	94.87	2,102.53
SC-MW-01D	Deep Zone Upper Aquifer	07/20/2020	2195.93	106.33	2,089.60
		10/19/2020	2195.93	107.26	2,088.67
		01/12/2021	2195.93	104.99	2,090.94
		04/21/2021	2195.93	104.80	2,091.13
SC-MW-02D	Deep Zone Upper Aquifer	07/20/2020	2194.01	109.02	2,084.99
		10/19/2020	2194.01	110.20	2,083.81
		01/12/2021	2194.01	108.20	2,085.81
		05/07/2021	2194.01	106.64	2,087.37
SC-MW-02M	Shallow Zone Upper Aquifer	07/20/2020	2193.67	103.54	2,090.13
		09/01/2020	2193.67	103.87	2,089.80
		10/19/2020	2193.67	104.54	2,089.13
		01/12/2021	2193.67	104.52	2,089.15
		05/07/2021	2193.67	103.34	2,090.33
SC-MW-03D	Deep Zone Upper Aquifer	07/20/2020	2192.94	106.19	2,086.75
		10/19/2020	2192.94	107.00	2,085.94
		01/12/2021	2192.94	107.41	2,085.53
		05/07/2021	2192.94	106.85	2,086.09
SC-MW-03M	Shallow Zone Upper Aquifer	07/20/2020	2192.95	104.08	2,088.87
		10/19/2020	2192.95	104.97	2,087.98
		01/12/2021	2192.95	105.61	2,087.34
		05/07/2021	2192.95	105.41	2,087.54
SC-MW-04D	Deep Zone Upper Aquifer	07/20/2020	2191.71	103.79	2,087.92
		10/20/2020	2191.71	104.74	2,086.97
		01/11/2021	2191.71	105.52	2,086.19
		05/07/2021	2191.71	105.81	2,085.90
SC-MW-04S	Shallow Zone Upper Aquifer	07/20/2020	2191.78	103.01	2,088.77
		01/11/2021	2191.78	104.44	2,087.34
SC-MW-05D	Deep Zone Upper Aquifer	07/20/2020	2187.68	100.29	2,087.39
		10/20/2020	2187.68	101.08	2,086.60

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SC-MW-05D	Deep Zone Upper Aquifer	01/11/2021	2187.68	101.61	2,086.07
		04/23/2021	2187.68	102.87	2,084.81
SC-MW-05S	Shallow Zone Upper Aquifer	07/20/2020	2187.93	99.59	2,088.34
		01/11/2021	2187.93	101.22	2,086.71
		04/23/2021	2187.93	101.77	2,086.16
SC-MW-06D	Deep Zone Upper Aquifer	07/20/2020	2185.70	98.50	2,087.20
		10/20/2020	2185.70	99.27	2,086.43
		01/11/2021	2185.70	99.79	2,085.91
		04/23/2021	2185.70	101.01	2,084.69
SC-MW-06S	Shallow Zone Upper Aquifer	07/20/2020	2185.75	97.96	2,087.79
		10/20/2020	2185.75	99.00	2,086.75
		01/11/2021	2185.75	99.43	2,086.32
		03/02/2021	2185.75	99.50	2,086.25
		04/23/2021	2185.75	100.08	2,085.67
SC-MW-07D	Deep Zone Upper Aquifer	07/20/2020	2184.60	97.66	2,086.94
		10/20/2020	2184.60	98.60	2,086.00
		01/11/2021	2184.60	99.20	2,085.40
		05/07/2021	2184.60	99.88	2,084.72
SC-MW-07S	Shallow Zone Upper Aquifer	07/20/2020	2184.62	97.65	2,086.97
		10/20/2020	2184.62	98.60	2,086.02
		01/11/2021	2184.62	99.29	2,085.33
		05/07/2021	2184.62	99.86	2,084.76
SC-MW-08D	Deep Zone Upper Aquifer	07/20/2020	2182.95	97.34	2,085.61
		01/11/2021	2182.95	98.43	2,084.52
SC-MW-08S	Shallow Zone Upper Aquifer	07/20/2020	2183.07	96.59	2,086.48
		01/11/2021	2183.07	98.03	2,085.04
SC-MW-09D	Deep Zone Upper Aquifer	07/20/2020	2186.81	105.40	2,081.41
		10/20/2020	2186.81	106.12	2,080.69
		12/03/2020	2186.81	106.31	2,080.50
		01/11/2021	2186.81	106.38	2,080.43
		05/06/2021	2186.81	107.55	2,079.26
SC-MW-09S	Shallow Zone Upper Aquifer	07/20/2020	2187.11	101.00	2,086.11
		01/11/2021	2187.11	102.38	2,084.73
SC-MW-10D	Deep Zone Upper Aquifer	07/20/2020	2185.71	102.18	2,083.53
		10/21/2020	2185.71	103.90	2,081.81
		01/14/2021	2185.71	103.55	2,082.16
		04/23/2021	2185.71	104.14	2,081.57

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SC-MW-10S	Shallow Zone Upper Aquifer	07/20/2020	2185.65	99.82	2,085.83
		10/21/2020	2185.65	101.10	2,084.55
		01/14/2021	2185.65	101.39	2,084.26
		04/23/2021	2185.65	101.72	2,083.93
SC-MW-11D	Deep Zone Upper Aquifer	07/20/2020	2201.58	103.70	2,097.88
		10/21/2020	2201.58	101.70	2,099.88
		01/14/2021	2201.58	100.24	2,101.34
		04/15/2021	2201.58	99.63	2,101.95
SC-MW-11SR	Shallow Zone Upper Aquifer	07/20/2020	2201.88	105.63	2,096.25
		10/21/2020	2201.88	102.00	2,099.88
		01/14/2021	2201.88	100.73	2,101.15
		04/15/2021	2201.88	99.51	2,102.37
SC-MW-12D	Deep Zone Upper Aquifer	07/20/2020	2198.19	101.20	2,096.99
		10/21/2020	2198.19	99.40	2,098.79
		01/14/2021	2198.19	97.66	2,100.53
		04/15/2021	2198.19	96.80	2,101.39
SC-MW-12S	Shallow Zone Upper Aquifer	07/20/2020	2198.39	94.35	2,104.04
		01/14/2021	2198.39	94.79	2,103.60
		04/15/2021	2198.39	94.42	2,103.97
SC-MW-13D	Deep Zone Upper Aquifer	07/21/2020	2197.13	100.35	2,096.78
		10/21/2020	2197.13	99.80	2,097.33
		01/14/2021	2197.13	97.01	2,100.12
		04/15/2021	2197.13	96.33	2,100.80
SC-MW-13S	Shallow Zone Upper Aquifer	07/21/2020	2197.30	94.02	2,103.28
		10/21/2020	2197.30	94.50	2,102.80
		01/14/2021	2197.30	94.38	2,102.92
		04/15/2021	2197.30	93.20	2,104.10
SC-MW-14D	Deep Zone Upper Aquifer	07/21/2020	2192.35	101.83	2,090.52
		01/12/2021	2192.35	101.62	2,090.73
		04/20/2021	2192.35	101.21	2,091.14
SC-MW-15D	Deep Zone Upper Aquifer	07/21/2020	2191.60	102.71	2,088.89
		01/13/2021	2191.60	103.06	2,088.54
		04/20/2021	2191.60	102.01	2,089.59
SC-MW-16C	Lower Aquifer	11/04/2020	2190.72	89.06	2,101.66
SC-MW-16D	Deep Zone Upper Aquifer	07/21/2020	2190.99	102.52	2,088.47
		01/13/2021	2190.99	103.53	2,087.46
		04/20/2021	2190.99	103.07	2,087.92

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SC-MW-17D	Deep Zone Upper Aquifer	07/21/2020	2192.69	103.25	2,089.44
		01/11/2021	2192.69	101.21	2,091.48
SC-MW-21D	Deep Zone Upper Aquifer	07/21/2020	2195.56	98.47	2,097.09
		11/04/2020	2195.56	96.28	2,099.28
		01/12/2021	2195.56	94.80	2,100.76
		04/20/2021	2195.56	93.72	2,101.84
SC-MW-21S	Shallow Zone Upper Aquifer	07/21/2020	2195.44	91.61	2,103.83
		11/04/2020	2195.44	92.72	2,102.72
		01/12/2021	2195.44	93.42	2,102.02
		04/20/2021	2195.44	93.27	2,102.17
SC-MW-22D	Deep Zone Upper Aquifer	07/21/2020	2194.56	97.47	2,097.09
SC-MW-23S	Shallow Zone Upper Aquifer	07/23/2020	2192.03	92.45	2,099.58
		11/04/2020	2192.03	93.64	2,098.39
		01/12/2021	2192.03	94.53	2,097.50
		04/20/2021	2192.03	92.43	2,099.60
SC-MW-26D	Deep Zone Upper Aquifer	07/21/2020	2189.10	98.81	2,090.29
		08/03/2020	2189.10	98.02	2,091.08
		11/05/2020	2189.10	99.81	2,089.29
		01/13/2021	2189.10	99.30	2,089.80
		04/20/2021	2189.10	98.18	2,090.92
SC-MW-26S	Shallow Zone Upper Aquifer	07/21/2020	2189.01	99.11	2,089.90
		11/05/2020	2189.01	100.28	2,088.73
		01/13/2021	2189.01	99.91	2,089.10
		04/20/2021	2189.01	97.49	2,091.52
SC-MW-32D	Deep Zone Upper Aquifer	07/21/2020	2193.76	94.08	2,099.68
		11/05/2020	2193.76	92.88	2,100.88
		01/13/2021	2193.76	93.34	2,100.42
SC-MW-38D	Deep Zone Upper Aquifer	07/21/2020	2189.06	100.69	2,088.38
		01/13/2021	2189.06	102.31	2,086.76
SC-MW-42S	Shallow Zone Upper Aquifer	07/21/2020	2198.56	96.94	2,101.62
		11/05/2020	2198.56	95.40	2,103.16
		01/13/2021	2198.56	94.29	2,104.27
		04/16/2021	2198.56	93.98	2,104.58
SC-MW-44S	Shallow Zone Upper Aquifer	07/22/2020	2198.81	95.55	2,103.26
		11/05/2020	2198.81	95.95	2,102.86
		01/13/2021	2198.81	95.63	2,103.18
		05/06/2021	2198.81	94.93	2,103.88

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water ^a (ft from MP)	Groundwater Elevation ^a (ft msl)
SC-MW-60D	na	07/22/2020	2190.79	95.53	2,095.27
		11/05/2020	2190.79	96.41	2,094.39
		01/13/2021	2190.79	95.23	2,095.57
		04/20/2021	2190.79	94.17	2,096.63
SC-MW-60S	na	07/22/2020	2190.87	95.02	2,095.85
		11/05/2020	2190.87	95.44	2,095.43
		01/13/2021	2190.87	93.91	2,096.96
		04/20/2021	2190.87	92.69	2,098.18
SC-MW-61D	na	07/22/2020	2191.24	95.46	2,095.78
		11/05/2020	2191.24	95.65	2,095.59
		01/13/2021	2191.24	94.41	2,096.83
		04/20/2021	2191.24	95.11	2,096.13
SC-MW-61S	na	07/23/2020	2191.10	95.10	2,096.00
		08/03/2020	2191.10	94.70	2,096.40
		11/05/2020	2191.10	94.63	2,096.47
		01/13/2021	2191.10	94.32	2,096.78
		04/20/2021	2191.10	93.69	2,097.41
SC-MW-62D	na	07/22/2020	2189.83	96.50	2,093.33
		11/05/2020	2189.83	98.09	2,091.74
		01/13/2021	2189.83	99.68	2,090.15
		04/20/2021	2189.83	95.59	2,094.24
SC-MW-62S	na	07/22/2020	2189.88	96.61	2,093.27
		11/05/2020	2189.88	98.27	2,091.61
		01/13/2021	2189.88	99.52	2,090.36
		04/20/2021	2189.88	95.97	2,093.91
X-10	Upper Aquifer	07/22/2020	2191.82	100.40	2,091.42
		11/03/2020	2191.82	101.09	2,090.73
		01/15/2021	2191.82	102.49	2,089.33
X-11	Deep Zone Upper Aquifer	07/21/2020	2193.73	95.34	2,098.39
		11/04/2020	2193.73	96.63	2,097.10
X-16	Deep Zone Upper Aquifer	07/21/2020	2191.14	100.33	2,090.81
		01/15/2021	2191.14	102.95	2,088.19
		04/13/2021	2191.14	104.01	2,087.13

Table D-1
Groundwater Level Measurements
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Notes:

^a Data presented on this table are water levels collected during the sitewide groundwater monitoring and sampling events. In addition to manual water levels, monthly transducer averages from select monitoring well locations are also used to create sitewide groundwater contours. These transducer averages are reported in their respective Hydraulic Capture Monitoring Reports.

Some measuring point elevations are estimated based on available information; therefore, some groundwater elevations are approximate.

Dry wells are not shown on this table.

Abbreviations:

ft = feet

MP = well measure point (either top of steel well casing or top of plastic well casing)

msl = above mean sea level

nr = not reportable

ns = not surveyed

Appendix E

Groundwater Sampling Database Report Records (provided at Geotracker website

http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
01-01A	01/04/2011	ND (1.0)	0.53	NA	CH2M
	08/18/2011	1.1	0.64	NA	CH2M
	11/30/2011	1.0	0.51	NA	CH2M
	01/04/2012	ND (1.0)	0.47	NA	CH2M
	04/09/2012	ND (1.0)	0.56	NA	CH2M
	07/17/2012	ND (1.0)	0.59	NA	CH2M
	10/11/2012	ND (1.0)	0.52	NA	CH2M
	01/17/2013	ND (1.0)	0.5	NA	CH2M
	04/02/2013	ND (1.0)	0.62	NA	CH2M
	07/01/2013	ND (1.0)	0.8	NA	CH2M
	10/01/2013	ND (1.0)	0.49	NA	CH2M
	01/07/2014	ND (1.0)	0.48	NA	CH2M
	04/01/2014	ND (1.0)	0.58	NA	CH2M
	07/15/2014	1.0	0.94	NA	CH2M
	10/15/2014	ND (1.0)	0.73	NA	CH2M
	01/09/2015	ND (1.0)	0.5	NA	CH2M
	04/14/2015	ND (1.0)	0.51	NA	CH2M
	07/08/2015	ND (1.0)	0.52	NA	CH2M
	10/15/2015	ND (1.0)	0.5	NA	Arcadis
	01/05/2016	ND (1.0)	0.46	NA	Arcadis
	05/05/2016	ND (1.0)	0.65	NA	Arcadis
	07/06/2016	ND (1.0)	0.73	NA	Arcadis
	10/10/2016	ND (1.0)	0.5	NA	Arcadis
	01/18/2017	ND (1.0)	0.45	NA	Arcadis
	04/04/2017	ND (1.0)	0.45	NA	Arcadis
	07/11/2017	ND (1.0)	1.1	NA	Arcadis
	10/02/2017	ND (1.0)	0.47	NA	Arcadis
	01/15/2018	ND (1.0)	0.5	NA	Arcadis
	04/03/2018	ND (1.0)	0.45	NA	Arcadis
	07/09/2018	ND (1.0)	0.7	NA	Arcadis
	10/08/2018	ND (1.0)	0.48	NA	Arcadis
	01/14/2019	ND (1.0)	0.43	NA	Arcadis
	04/01/2019	ND (1.0)	0.56	NA	Arcadis
	07/17/2019	ND (1.0)	0.47	NA	Arcadis
	10/07/2019	ND (1.0)	0.44	NA	Arcadis
	01/31/2020	ND (1.0)	0.47	NA	Arcadis
	04/06/2020	ND (1.0)	0.51	NA	Arcadis
	07/14/2020	ND (1.0)	0.46	NA	Arcadis
	10/06/2020	ND (1.0)	0.73	NA	Arcadis
	02/01/2021	ND (1.0)	0.46	NA	Arcadis
	04/09/2021	ND (1.0)	0.52	NA	Arcadis
No. of Samples:		41			
01-02	05/24/2001	ND (2.5)	2.0	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/06/2001	2.3 J	0.9 J	ND (10)	ALISTO

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
01-02	05/12/2002	2.1	0.55	NA	CH2M
	05/22/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2002	2.3	0.21	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	2.2	ND (0.2)	NA	CH2M
	08/15/2003	3.7	ND (0.2)	NA	CH2M
	10/29/2003	5.0	ND (0.2)	NA	CH2M
	02/17/2004	2.7	ND (0.2)	NA	CH2M
	01/17/2006	1.54	0.394	NA	CH2M
	02/21/2007	ND (1.0)	0.578	NA	CH2M
	06/19/2007	ND (1.0)	0.662	NA	CH2M
	06/19/2007*	ND (1.0)	0.634	NA	CH2M
	08/16/2007	ND (1.0)	0.588	NA	CH2M
	10/17/2007	ND (1.0)	0.665	NA	CH2M
	10/17/2007*	ND (1.0)	0.664	NA	CH2M
	12/04/2007	ND (1.0)	0.637	NA	CH2M
	12/04/2007*	ND (1.0)	0.642	NA	CH2M
	02/12/2008	ND (1.0)	0.645	NA	CH2M
	04/08/2008	ND (1.0)	0.639	NA	CH2M
	06/10/2008	ND (1.0)	0.61	NA	CH2M
	08/11/2008	ND (1.0)	0.62	NA	CH2M
No. of Samples: 24					
01-06	10/28/2003	ND (1.0)	ND (0.2)	NA	CH2M
	07/27/2006	2.68	ND (0.2 J)	NA	CH2M
No. of Samples: 2					
01-16	12/06/2007	ND (1.0)	0.492	NA	CH2M
No. of Samples: 1					
01-17	12/15/2011	ND (1.0)	0.62	NA	CH2M
	01/11/2012	ND (1.0)	0.58	NA	CH2M
	04/12/2012	ND (1.0)	0.55	NA	CH2M
	07/13/2012	ND (1.0)	0.56	NA	CH2M
	08/01/2012	NA	0.57	NA	CH2M
	10/02/2012	ND (1.0)	0.63	NA	CH2M
	01/09/2013	ND (1.0)	0.61	NA	CH2M
	04/03/2013	ND (1.0)	0.64	NA	CH2M
	07/10/2013	ND (1.0)	0.69	NA	CH2M
	01/14/2014	ND (1.0)	0.61	NA	CH2M
	04/04/2014	ND (1.0)	0.6	NA	CH2M
No. of Samples: 11					
02-01	01/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/28/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/19/2012	ND (1.0)	ND (0.06)	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-01	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	09/14/2012	ND (1.0)	0.076	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		9			
02-02	05/25/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/06/2001	2.4 J	ND (0.2)	ND (10)	ALISTO
	02/13/2002	1.6	ND (0.2)	NA	CH2M
No. of Samples:		4			
02-02A	08/15/2002	2.2	1.5	NA	CH2M
	11/13/2002	2.2	1.3	NA	CH2M
	10/28/2003	2.7	1.9	NA	CH2M
	12/03/2003	3.8	1.3	NA	CH2M
	02/17/2004	4.2	1.8	NA	CH2M
	04/26/2004	2.0	1.6	NA	CH2M
	10/12/2004	1.93	1.52	NA	CH2M
	12/09/2004	2.32	1.48	NA	CH2M
	02/09/2005	7.42	1.4	NA	CH2M
	04/15/2005	2.6	1.85	NA	CH2M
	06/09/2005	1.86	1.63	NA	CH2M
	08/23/2005	1.82	1.74	NA	CH2M
	10/14/2005	5.48	3.96	NA	CH2M
	12/05/2005	1.96	1.4	NA	CH2M
	02/21/2006	2.03	1.39	NA	CH2M
	04/17/2006	3.68	2.03	NA	CH2M
	06/13/2006	3.44	1.73	NA	CH2M
	08/09/2006	1.4	1.87	NA	CH2M
	10/18/2006	ND (1.0)	0.497	NA	CH2M
	12/05/2006	1.19	1.2	NA	CH2M
	02/20/2007	1.82	1.03	NA	CH2M
	04/11/2007	1.13	0.527	NA	CH2M
	06/19/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/04/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	1.02	0.389	NA	CH2M
	04/08/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	0.54	NA	CH2M
	11/06/2008*	ND (1.0)	0.54	NA	CH2M
	02/09/2009	ND (1.0)	0.51	NA	CH2M
	05/13/2009	ND (1.0)	0.51	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-02A	08/06/2009	ND (1.0)	0.53	NA	CH2M
	11/12/2009	ND (1.0)	0.47	NA	CH2M
	02/19/2010	ND (1.0)	0.27	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010	ND (1.0)	0.44	NA	CH2M
	10/26/2010	ND (1.0)	0.33	NA	CH2M
	10/26/2010*	ND (1.0)	0.25	NA	CH2M
	01/24/2011	ND (1.0)	0.26	NA	CH2M
	04/04/2011	ND (1.0)	0.29	NA	CH2M
	07/05/2011	ND (1.0)	0.4	NA	CH2M
	11/28/2011	ND (1.0)	0.74	NA	CH2M
	01/04/2012	ND (1.0)	0.44	NA	CH2M
	05/09/2012	ND (1.0)	0.59	NA	CH2M
	07/11/2012	ND (1.0)	0.61	NA	CH2M
	10/02/2012	ND (1.0)	0.47	NA	CH2M
	01/08/2013	ND (1.0)	0.34	NA	CH2M
	04/04/2013	ND (1.0)	0.76	NA	CH2M
	07/02/2013	ND (1.0)	0.51	NA	CH2M
	10/01/2013	ND (1.0)	0.22	NA	CH2M
	01/07/2014	1.2	0.86	NA	CH2M
	04/01/2014	ND (1.0)	0.53	NA	CH2M
	07/14/2014	ND (1.0)	0.45	NA	CH2M
	12/10/2014	ND (1.0)	0.19	NA	CH2M
	01/07/2015	ND (1.0)	0.32	NA	CH2M
	04/09/2015	ND (1.0)	0.52	NA	CH2M
	04/09/2015*	ND (1.0)	0.51	NA	CH2M
	07/08/2015	ND (1.0)	0.49	NA	CH2M
	10/22/2015	ND (1.0)	0.55	NA	Arcadis
	01/04/2016	ND (1.0)	0.32	NA	Arcadis
	04/04/2016	ND (1.0)	0.37	NA	Arcadis
	10/03/2016	ND (1.0)	0.35	NA	Arcadis
	01/09/2017	ND (1.0)	0.49	NA	Arcadis
	07/10/2017	ND (1.0)	0.5	NA	Arcadis
	10/02/2017	ND (1.0)	0.31	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	ND (1.0)	0.33	NA	Arcadis
	07/09/2018	ND (1.0)	0.64	NA	Arcadis
	10/08/2018	ND (1.0)	0.25	NA	Arcadis
	01/14/2019	ND (1.0)	0.1	NA	Arcadis
	04/01/2019	1.0	0.92	NA	Arcadis
	07/08/2019	ND (1.0)	0.83	NA	Arcadis
	10/07/2019	ND (1.0)	0.69	NA	Arcadis
	01/13/2020	ND (1.0)	0.17	NA	Arcadis
	04/06/2020	ND (1.0)	0.44	NA	Arcadis
	07/07/2020	ND (1.0)	0.86	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-02A	10/05/2020	1.0	0.68	NA	Arcadis
	01/11/2021	ND (1.0)	0.17	NA	Arcadis
	04/05/2021	ND (1.0)	0.83	NA	Arcadis
No. of Samples: 82					
02-02B	06/18/2013	1.8	2.1	NA	CH2M
	07/02/2013	2.0	2.1	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	2.0	2.3	NA	CH2M
	07/14/2014	2.3	2.1	NA	CH2M
	07/14/2014*	2.3	2.2	NA	CH2M
	12/10/2014	1.0	1.2	NA	CH2M
	01/07/2015	ND (1.0)	1.1	NA	CH2M
	04/09/2015	2.2	2.3	NA	CH2M
	07/08/2015	2.0	2.1	NA	CH2M
	10/22/2015	1.8	2.0	NA	Arcadis
	01/04/2016	ND (1.0)	0.28	NA	Arcadis
	04/04/2016	1.8	2.0	NA	Arcadis
	10/03/2016	1.7	1.7	NA	Arcadis
	01/09/2017	ND (1.0)	0.58	NA	Arcadis
	07/10/2017	1.7	2.0	NA	Arcadis
	10/02/2017	1.9	2.2	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	2.1	2.2	NA	Arcadis
	07/09/2018	1.5	1.6	NA	Arcadis
	07/09/2018*	1.4	1.5	NA	Arcadis
	10/08/2018	1.5	1.3	NA	Arcadis
	01/14/2019	ND (1.0)	0.16	NA	Arcadis
	04/01/2019	ND (1.0)	0.22	NA	Arcadis
	07/08/2019	1.3	1.5	NA	Arcadis
	10/07/2019	1.3	1.5	NA	Arcadis
	01/13/2020	ND (1.0)	0.066	NA	Arcadis
	04/06/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	07/07/2020	1.7	1.6	NA	Arcadis
	10/05/2020	2.2	2.0	NA	Arcadis
	01/11/2021	ND (1.0)	0.21	NA	Arcadis
	04/05/2021	1.4	1.3	NA	Arcadis
	04/05/2021*	1.6	1.4	NA	Arcadis
No. of Samples: 33					
02-05	03/09/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	07/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	08/16/2001	ND (1.0 J)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/27/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-05	10/24/2001	1.0 J	ND (0.2)	ND (10)	ALISTO
	10/24/2001*	ND (1.0 J)	ND (0.2)	ND (10)	ALISTO
	11/19/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	11/19/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	06/26/2002	ND (1.0)	ND (0.2 J)	NA	CH2M
	07/24/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	09/25/2002	1.4	ND (0.2)	NA	CH2M
	10/16/2002	1.5	ND (0.2)	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	12/18/2002	ND (1.0)	ND (0.2)	NA	CH2M
	01/22/2003	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	1.3	ND (0.2)	NA	CH2M
	03/28/2003	1.0	ND (0.2)	NA	CH2M
	04/18/2003	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	12/14/2011	ND (1.0)	0.27	NA	CH2M
	01/23/2012	ND (1.0)	0.12	NA	CH2M
	05/10/2012	ND (1.0)	0.36	NA	CH2M
	08/23/2012	ND (1.0)	0.25	NA	CH2M
	10/08/2012	ND (1.0)	0.36	NA	CH2M
	01/08/2013	ND (1.0)	0.42	NA	CH2M
No. of Samples:		35			
02-07	01/03/2011	1.6	1.1	NA	CH2M
	07/05/2011	ND (1.0)	0.98	NA	CH2M
	11/29/2011	1.2	1.1	NA	CH2M
	01/09/2012	1.0	1.0	NA	CH2M
	04/02/2012	1.1	0.77	NA	CH2M
	04/02/2012*	ND (1.0)	0.78	NA	CH2M
	07/12/2012	1.4	1.4	NA	CH2M
	10/08/2012	1.4	1.4	NA	CH2M
	01/08/2013	1.4	1.6	NA	CH2M
	04/01/2013	1.3	1.7	NA	CH2M
	07/01/2013	1.3	1.4	NA	CH2M
	10/01/2013	1.8	1.6	NA	CH2M
	10/01/2013*	1.8	1.5	NA	CH2M
	01/14/2014	ND (1.0)	0.9	NA	CH2M
	04/01/2014	1.5	1.6	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-07	07/14/2014	ND (1.0)	0.93	NA	CH2M
	10/14/2014	1.2	1.2	NA	CH2M
	01/13/2015	1.2	1.2	NA	CH2M
	01/13/2015*	1.2	1.2	NA	CH2M
	04/07/2015	1.3	1.3	NA	CH2M
	07/09/2015	1.2	1.3	NA	CH2M
	10/07/2015	2.1	1.3	NA	Arcadis
No. of Samples: 22					
02-08	01/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2009	1.22	1.28	NA	CH2M
	03/04/2011	1.2	1.6	NA	CH2M
	07/05/2011	1.4	1.6	NA	CH2M
	11/28/2011	2.1	1.6	NA	CH2M
	01/11/2012	1.4	1.4	NA	CH2M
	07/16/2012	1.4	1.5	NA	CH2M
	01/17/2013	1.7	1.6	NA	CH2M
	04/02/2013	1.4	1.7	NA	CH2M
	07/02/2013	1.9	1.5	NA	CH2M
	07/02/2013*	1.7	1.6	NA	CH2M
	10/07/2013	1.5	1.6	NA	CH2M
No. of Samples: 12					
02-10	12/09/2010	2.2	2.0	NA	CH2M
	07/17/2012	1.5	1.5	NA	CH2M
No. of Samples: 2					
02-13	01/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/07/2011	1.2	1.0	NA	CH2M
	12/01/2011	ND (1.0)	0.43	NA	CH2M
	01/18/2012	ND (1.0)	0.91	NA	CH2M
	04/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2012	ND (1.0)	1.1	NA	CH2M
	10/09/2012	ND (1.0)	0.95	NA	CH2M
	01/07/2013	ND (1.0)	0.95	NA	CH2M
	01/07/2013*	ND (1.0)	0.94	NA	CH2M
	04/01/2013	ND (1.0)	0.41	NA	CH2M
	04/01/2013*	ND (1.0)	0.46	NA	CH2M
	07/10/2013	ND (1.0)	1.0	NA	CH2M
	10/01/2013	1.1	0.69	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	0.11	NA	CH2M
	07/08/2014	ND (1.0)	0.77	NA	CH2M
	10/08/2014	ND (1.0)	0.89	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	0.085	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-13	10/08/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	21				
02-14	05/06/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	1				
02-19	04/17/2006	1.58	ND (0.2)	NA	CH2M
	12/08/2010	ND (1.0)	0.24	NA	CH2M
	03/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	12/15/2011	ND (1.0)	0.12	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	0.082	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	10				
02-21	12/21/2010	ND (1.0)	ND (0.2)	NA	CH2M
	03/08/2011	1.4	1.1	NA	CH2M
	07/05/2011	ND (1.0)	1.2	NA	CH2M
	07/05/2011*	1.0	1.2	NA	CH2M
	12/01/2011	1.8	1.1	NA	CH2M
	01/12/2012	1.3	1.3	NA	CH2M
	04/03/2012	1.2	1.2	NA	CH2M
	07/20/2012	ND (1.0)	0.33	NA	CH2M
	11/07/2013	3.3	3.6	NA	CH2M
	01/06/2014	1.3	0.87	NA	CH2M
	01/06/2014*	1.5	0.73	NA	CH2M
	04/03/2014	1.1	0.92	NA	CH2M
	07/02/2014	ND (1.0)	0.77	NA	CH2M
	10/06/2020	ND (1.0)	0.62	NA	Arcadis
No. of Samples:	14				
02-22	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	03/04/2011	ND (1.0)	0.99	NA	CH2M
	07/12/2011	ND (1.0)	1.1	NA	CH2M
	11/29/2011	ND (1.0)	0.3	NA	CH2M
	01/04/2012	ND (1.0)	0.27	NA	CH2M
No. of Samples:	5				
02-23	12/04/2007	ND (1.0)	0.348	NA	CH2M
	03/04/2011	ND (1.0)	0.76	NA	CH2M
	07/05/2011	ND (1.0)	0.84	NA	CH2M
	11/28/2011	ND (1.0)	0.16	NA	CH2M
	11/28/2011*	ND (1.0)	0.21	NA	CH2M
	01/12/2012	ND (1.0)	0.67	NA	CH2M
	04/06/2012	ND (1.0)	0.71	NA	CH2M
	07/19/2012	ND (1.0)	0.39	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-23	10/08/2012	ND (1.0)	0.31	NA	CH2M
	01/08/2013	ND (1.0)	0.42	NA	CH2M
	04/02/2013	ND (1.0)	0.72	NA	CH2M
	07/01/2013	ND (1.0)	0.68	NA	CH2M
	10/01/2013	ND (1.0)	0.69	NA	CH2M
	01/14/2014	ND (1.0)	0.54	NA	CH2M
	04/01/2014	ND (1.0)	0.7	NA	CH2M
	04/01/2014*	ND (1.0)	0.69	NA	CH2M
	07/14/2014	ND (1.0)	0.41	NA	CH2M
	10/13/2014	ND (1.0)	0.65	NA	CH2M
	01/08/2015	ND (1.0)	0.68	NA	CH2M
	04/14/2015	ND (1.0)	0.65	NA	CH2M
	07/08/2015	ND (1.0)	0.52	NA	CH2M
	10/08/2015	ND (1.0)	0.6	NA	Arcadis
	01/04/2016	ND (1.0)	0.6	NA	Arcadis
	04/08/2016	ND (1.0)	0.43	NA	Arcadis
	07/05/2016	ND (1.0)	0.57	NA	Arcadis
	10/03/2016	ND (1.0)	0.57	NA	Arcadis
	01/09/2017	ND (1.0)	0.56	NA	Arcadis
	04/03/2017	ND (1.0)	0.6	NA	Arcadis
	07/10/2017	ND (1.0)	0.61	NA	Arcadis
	10/02/2017	ND (1.0)	0.51	NA	Arcadis
	01/15/2018	ND (1.0)	0.64	NA	Arcadis
	04/02/2018	ND (1.0)	0.68	NA	Arcadis
	07/09/2018	ND (1.0)	0.69	NA	Arcadis
	10/08/2018	ND (1.0)	0.63	NA	Arcadis
	01/14/2019	ND (1.0)	0.66	NA	Arcadis
	04/01/2019	ND (1.0)	0.75	NA	Arcadis
	07/16/2019	ND (1.0)	0.75	NA	Arcadis
	10/07/2019	ND (1.0)	0.7	NA	Arcadis
	01/13/2020	ND (1.0)	0.75	NA	Arcadis
	04/06/2020	ND (1.0)	0.79	NA	Arcadis
	07/07/2020	ND (1.0)	0.75	NA	Arcadis
	10/05/2020	ND (1.0)	0.72	NA	Arcadis
	01/11/2021	ND (1.0)	0.7	NA	Arcadis
	04/05/2021	ND (1.0)	0.72	NA	Arcadis
No. of Samples:		44			
02-24	04/12/2007	ND (1.0)	0.231	NA	CH2M
	03/04/2011	ND (1.0)	1.2	NA	CH2M
	07/07/2011	1.1	1.1	NA	CH2M
	11/28/2011	1.4	1.1	NA	CH2M
	01/17/2012	ND (1.0)	0.48	NA	CH2M
	04/04/2012	ND (1.0)	0.81	NA	CH2M
	07/18/2012	1.1	1.0	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 7					
02-25	12/10/2010	1.5	1.2	NA	CH2M
	03/04/2011	ND (1.0)	0.99	NA	CH2M
	07/06/2011	ND (1.0)	1.1	NA	CH2M
	12/02/2011	1.3	0.83	NA	CH2M
	01/11/2012	ND (1.0)	0.32	NA	CH2M
	04/27/2012	ND (1.0)	1.1	NA	CH2M
	07/11/2012	ND (1.0)	0.95	NA	CH2M
	12/10/2012	ND (1.0)	0.24	NA	CH2M
	01/14/2013	ND (1.0)	0.087	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 10					
02-26	05/13/2009	ND (1.0)	0.38	NA	CH2M
	03/03/2011	ND (1.0)	1.4	NA	CH2M
	08/16/2011	1.6	1.3	NA	CH2M
	10/18/2011	1.1	1.0	NA	CH2M
	11/14/2011	ND (1.0)	0.8	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/29/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	0.33	NA	CH2M
	06/14/2012	ND (1.0)	0.77	NA	CH2M
	07/16/2012	ND (1.0)	0.76	NA	CH2M
	08/09/2012	ND (1.0)	1.1	NA	CH2M
	08/09/2012*	ND (1.0)	1.0	NA	CH2M
	09/05/2012	ND (1.0)	0.84	NA	CH2M
	10/02/2012	ND (1.0)	0.2	NA	CH2M
	11/06/2012	ND (1.0)	0.068	NA	CH2M
	12/05/2012	1.2	0.89	NA	CH2M
	01/07/2013	ND (1.0)	0.42	NA	CH2M
	02/20/2013	ND (1.0)	1.0	NA	CH2M
	03/12/2013	1.3	1.0	NA	CH2M
	04/04/2013	1.3	1.2	NA	CH2M
	05/07/2013	1.2	1.2	NA	CH2M
	06/20/2013	ND (1.0)	1.1	NA	CH2M
	07/08/2013	ND (1.0)	0.94	NA	CH2M
	08/07/2013	ND (1.0)	0.9	NA	CH2M
	09/11/2013	1.2	1.0	NA	CH2M
	10/04/2013	1.3	1.3	NA	CH2M
	11/07/2013	ND (1.0)	1.0	NA	CH2M
	12/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	0.71	NA	CH2M
	04/01/2014	1.2	1.2	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-26	07/02/2014	ND (1.0)	0.26	NA	CH2M
	10/07/2014	1.1	0.92	NA	CH2M
	04/13/2015	1.3	1.2	NA	CH2M
	11/02/2015	1.0	0.83	NA	Arcadis
No. of Samples:	36				
02-27	01/05/2011	1.1 J	1.9 J	NA	CH2M
	08/17/2011	1.9	2.0	NA	CH2M
	11/28/2011	2.2	1.6	NA	CH2M
No. of Samples:	3				
02-28	05/15/2012	1.3	1.3	NA	CH2M
No. of Samples:	1				
02N-01	01/26/2012	ND (1.0)	0.41	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	0.15	NA	CH2M
	10/01/2012	ND (1.0)	0.12	NA	CH2M
	01/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	5				
02N-02	11/07/2013	ND (1.0)	0.062	NA	CH2M
	03/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	0.07	NA	CH2M
	07/15/2014	ND (1.0)	0.083	NA	CH2M
	10/08/2014	ND (1.0)	0.083	NA	CH2M
	10/08/2014*	ND (1.0)	0.066	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2015	ND (1.0)	0.064	NA	CH2M
	07/06/2015	ND (1.0)	0.089	NA	CH2M
	10/15/2015	ND (1.0)	0.17	NA	Arcadis
No. of Samples:	10				
03-02	01/27/2011	1.5	1.5	NA	CH2M
	08/16/2011	1.8	1.7	NA	CH2M
	12/14/2011	1.8	1.5	NA	CH2M
	01/13/2012	1.4	1.4	NA	CH2M
	07/19/2012	1.3	1.6	NA	CH2M
	11/06/2012	1.5	1.6	NA	CH2M
	01/15/2013	1.7	1.6	NA	CH2M
	04/02/2013	1.4	1.7	NA	CH2M
	07/02/2013	1.6	1.7	NA	CH2M
No. of Samples:	9				
03-12	04/12/2007	1.3	1.21	NA	CH2M
	12/09/2010	2.4	1.7	NA	CH2M
	02/23/2012	1.6	1.6	NA	CH2M
	08/20/2013	1.6	2.1	NA	CH2M
No. of Samples:	4				
03-14	11/07/2012	2.0	1.5	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
03-14	01/09/2013	1.9	1.7	NA	CH2M
	04/02/2013	1.7	1.6	NA	CH2M
	07/01/2013	1.9	1.7	NA	CH2M
	10/02/2013	1.7	1.5	NA	CH2M
	01/13/2014	2.0	1.7	NA	CH2M
	04/04/2014	1.7	1.4	NA	CH2M
	07/14/2014	1.9	1.6	NA	CH2M
	10/15/2014	1.8	1.5	NA	CH2M
	01/08/2015	1.9	1.5	NA	CH2M
	04/07/2015	2.1	1.9	NA	CH2M
	07/08/2015	2.0	1.7	NA	CH2M
	10/07/2015	2.1	1.6	NA	Arcadis
No. of Samples: 13					
03-17	11/03/2011	2.5	2.3	NA	CH2M
	01/11/2012	2.3	2.4	NA	CH2M
	04/11/2012	2.0	2.3	NA	CH2M
	07/11/2012	2.7	2.8	NA	CH2M
	10/05/2012	2.7	2.7	NA	CH2M
	01/15/2013	2.0	1.8	NA	CH2M
	04/04/2013	3.2	3.0	NA	CH2M
	07/02/2013	3.2	3.4	NA	CH2M
	10/01/2013	3.8	3.6	NA	CH2M
	01/06/2014	3.2	3.3	NA	CH2M
	04/01/2014	2.8	3.1	NA	CH2M
	07/15/2014	3.6	3.6	NA	CH2M
	10/14/2014	3.5	3.5	NA	CH2M
	01/09/2015	2.0	2.2	NA	CH2M
	04/07/2015	3.4	3.7	NA	CH2M
	07/08/2015	2.4	2.5	NA	CH2M
	10/15/2015	3.7	3.7	NA	Arcadis
No. of Samples: 17					
03-19	11/07/2012	1.6	1.8	NA	CH2M
	01/09/2013	1.6	1.7	NA	CH2M
	04/02/2013	1.6	1.7	NA	CH2M
	07/01/2013	1.4	1.4	NA	CH2M
	10/02/2013	1.8	1.8	NA	CH2M
	01/13/2014	ND (1.0)	0.2	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	1.1	1.0	NA	CH2M
	07/14/2014*	1.1	0.97	NA	CH2M
	10/15/2014	1.7	1.7	NA	CH2M
	01/08/2015	1.6	1.8	NA	CH2M
	04/07/2015	1.7	1.8	NA	CH2M
	07/08/2015	1.6	1.7	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
03-19	10/07/2015	1.8	1.8	NA	Arcadis
No. of Samples:	14				
03-20	04/12/2007	1.54	1.42	NA	CH2M
	12/09/2010	2.2	1.8	NA	CH2M
	03/29/2012	ND (1.0)	0.85	NA	CH2M
No. of Samples:	3				
03-21	12/16/2011	2.0	2.3	NA	CH2M
	01/16/2012	1.8	2.0	NA	CH2M
	04/02/2012	1.9	2.1	NA	CH2M
	10/12/2012	2.4	2.1	NA	CH2M
	01/08/2013	2.0	2.1	NA	CH2M
No. of Samples:	5				
03-22	01/04/2011	1.8	2.0	NA	CH2M
	04/18/2012	1.7	1.9	NA	CH2M
No. of Samples:	2				
03-23	01/04/2011	2.4	2.2	NA	CH2M
	05/02/2012	2.1	2.5	NA	CH2M
No. of Samples:	2				
03-24	01/03/2011	2.4	2.4	NA	CH2M
	09/06/2011	2.2	2.2	NA	CH2M
	11/29/2011	1.6	1.4	NA	CH2M
	05/10/2012	1.6	1.9	NA	CH2M
	07/11/2012	1.9	2.0	NA	CH2M
	10/03/2012	2.4	2.4	NA	CH2M
	01/08/2013	1.9	2.1	NA	CH2M
	04/02/2013	2.3	2.6	NA	CH2M
	07/02/2013	2.1	2.3	NA	CH2M
No. of Samples:	9				
03-25	04/27/2011	2.8	2.3	NA	CH2M
	07/11/2012	2.0	2.1	NA	CH2M
	07/30/2013	2.2	1.5	NA	CH2M
No. of Samples:	3				
03-26	07/13/2011	1.5	1.6	NA	CH2M
No. of Samples:	1				
03-27	07/14/2011	2.0	2.1	NA	CH2M
No. of Samples:	1				
03-28	07/14/2011	1.2	1.4	NA	CH2M
	05/02/2012	ND (1.0)	0.11	NA	CH2M
No. of Samples:	2				
03-29	08/18/2011	2.0	1.9	NA	CH2M
	05/02/2012	1.2	1.3	NA	CH2M
No. of Samples:	2				
03-30	11/18/2011	2.2	1.9	NA	CH2M
	04/18/2012	1.8	2.0	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 2					
03-31	01/30/2012	1.9	1.6	NA	CH2M
	04/16/2012	1.6	1.7	NA	CH2M
	04/16/2012*	1.6	1.7	NA	CH2M
No. of Samples: 3					
03-32	11/02/2012	2.2	2.2	NA	CH2M
No. of Samples: 1					
03-33	04/19/2013	1.4	1.8	NA	CH2M
No. of Samples: 1					
03N-01	07/09/2012	2.9	3.2	NA	CH2M
	10/01/2012	3.5	3.3	NA	CH2M
	10/01/2012*	3.4	3.3	NA	CH2M
	01/10/2013	3.4	3.5	NA	CH2M
	04/03/2013	3.6	3.5	NA	CH2M
	07/01/2013	2.6	2.7	NA	CH2M
No. of Samples: 6					
03N-02	07/09/2012	2.7	2.7	NA	CH2M
	10/01/2012	3.0	2.6	NA	CH2M
	01/10/2013	2.3	2.4	NA	CH2M
	04/03/2013	3.3	3.0	NA	CH2M
	07/01/2013	3.2	3.4	NA	CH2M
No. of Samples: 5					
04E-01	04/26/2004	1.3	0.24	NA	CH2M
	07/25/2006	ND (1.0)	0.261	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 3					
04E-02	02/20/2007	ND (1.0)	0.315	NA	CH2M
No. of Samples: 1					
04E-03	02/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 1					
04N-01	02/03/2012	ND (1.0)	0.53	NA	CH2M
	04/02/2012	1.3	0.41	NA	CH2M
	07/10/2012	1.3	1.1	NA	CH2M
	10/01/2012	ND (1.0)	0.47	NA	CH2M
No. of Samples: 4					
04N-02	02/03/2012	1.9	2.0	NA	CH2M
	04/02/2012	2.3	2.1	NA	CH2M
	06/05/2012	1.9	1.8	NA	CH2M
	07/10/2012	1.1	1.1	NA	CH2M
	10/03/2012	ND (1.0)	0.64	NA	CH2M
No. of Samples: 5					
04N-03	02/03/2012	1.4	1.3	NA	CH2M
	04/02/2012	2.9	3.1	NA	CH2M
	06/05/2012	2.1	1.6	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
04N-03	07/10/2012	1.6	1.4	NA	CH2M
	10/01/2012	3.6	3.4	NA	CH2M
No. of Samples:	5				
04N-04	08/06/2012	3.3	2.6	NA	CH2M
	10/01/2012	2.6	2.3	NA	CH2M
	01/15/2013	2.6	2.1	NA	CH2M
	04/03/2013	2.6	2.3	NA	CH2M
	07/02/2013	2.5	2.6	NA	CH2M
	10/11/2013	1.8	1.9	NA	CH2M
	01/10/2014	2.7	0.93	NA	CH2M
	04/04/2014	2.6	1.8	NA	CH2M
	07/08/2014	2.4	2.3	NA	CH2M
	10/20/2014	2.7	2.8	NA	CH2M
	01/06/2015	1.4	0.46	NA	CH2M
	01/06/2015*	1.3	0.44	NA	CH2M
	04/07/2015	2.6	2.5	NA	CH2M
	07/06/2015	2.7	2.5	NA	CH2M
	10/09/2015	2.8	2.8	NA	Arcadis
No. of Samples:	15				
04W-01	08/06/2012	ND (1.0)	0.75	NA	CH2M
No. of Samples:	1				
05E-01	02/20/2007	ND (1.0)	0.863	NA	CH2M
No. of Samples:	1				
05E-02	02/20/2007	ND (1.0)	0.602	NA	CH2M
No. of Samples:	1				
06-06	01/04/2011	ND (1.0)	0.23	NA	CH2M
	09/04/2012	ND (1.0)	0.25	NA	CH2M
No. of Samples:	2				
06-07	01/05/2011	ND (1.0)	0.2	NA	CH2M
	07/11/2012	ND (1.0)	0.095	NA	CH2M
No. of Samples:	2				
06-08	01/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/16/2012	ND (1.0)	0.14	NA	CH2M
No. of Samples:	2				
06-09	01/12/2011	ND (1.0)	0.21	NA	CH2M
No. of Samples:	1				
06-10	06/22/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/04/2012	ND (1.0)	0.23	NA	CH2M
No. of Samples:	2				
06-12	02/23/2012	ND (1.0)	0.097	NA	CH2M
No. of Samples:	1				
06-13	02/23/2012	ND (1.0)	0.14	NA	CH2M
No. of Samples:	1				
06-14	08/02/2012	ND (1.0)	0.23	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
06-14	10/10/2012	ND (1.0)	0.15	NA	CH2M
	01/09/2013	ND (1.0)	0.13	NA	CH2M
	04/02/2013	ND (1.0)	0.2	NA	CH2M
	07/02/2013	ND (1.0)	0.24	NA	CH2M
	07/02/2013*	ND (1.0)	0.24	NA	CH2M
	10/02/2013	ND (1.0)	0.25	NA	CH2M
	01/07/2014	ND (1.0)	0.15	NA	CH2M
	04/01/2014	ND (1.0)	0.16	NA	CH2M
	07/07/2014	ND (1.0)	0.2	NA	CH2M
	10/07/2014	ND (1.0)	0.25	NA	CH2M
	01/08/2015	ND (1.0)	0.16	NA	CH2M
	04/07/2015	ND (1.0)	0.16	NA	CH2M
	07/08/2015	ND (1.0)	0.18	NA	CH2M
	10/08/2015	ND (1.0)	0.13	NA	Arcadis
No. of Samples:		15			
06-15	08/06/2012	ND (1.0)	0.53	NA	CH2M
	10/10/2012	ND (1.0)	0.38	NA	CH2M
	01/09/2013	ND (1.0)	0.37	NA	CH2M
	04/02/2013	ND (1.0)	0.4	NA	CH2M
	07/02/2013	ND (1.0)	0.4	NA	CH2M
	10/02/2013	ND (1.0)	0.39	NA	CH2M
	01/07/2014	ND (1.0)	0.41	NA	CH2M
	04/01/2014	ND (1.0)	0.35	NA	CH2M
	07/07/2014	ND (1.0)	0.33	NA	CH2M
	10/07/2014	ND (1.0)	0.4	NA	CH2M
	01/08/2015	ND (1.0)	0.38	NA	CH2M
	04/07/2015	ND (1.0)	0.42	NA	CH2M
	07/08/2015	ND (1.0)	0.47	NA	CH2M
	07/08/2015*	ND (1.0)	0.44	NA	CH2M
	10/08/2015	ND (1.0)	0.43	NA	Arcadis
No. of Samples:		15			
06-16	08/06/2012	ND (1.0)	0.49	NA	CH2M
	10/10/2012	ND (1.0)	0.31	NA	CH2M
	01/09/2013	ND (1.0)	0.26	NA	CH2M
	04/02/2013	ND (1.0)	0.32	NA	CH2M
	07/02/2013	ND (1.0)	0.3	NA	CH2M
	10/02/2013	ND (1.0)	0.32	NA	CH2M
	10/02/2013*	ND (1.0)	0.32	NA	CH2M
	01/07/2014	ND (1.0)	0.26	NA	CH2M
	04/01/2014	ND (1.0)	0.28	NA	CH2M
	07/07/2014	ND (1.0)	0.29	NA	CH2M
	10/07/2014	ND (1.0)	0.32	NA	CH2M
	01/08/2015	ND (1.0)	0.26	NA	CH2M
	04/07/2015	ND (1.0)	0.35	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
06-16	07/08/2015	ND (1.0)	0.34	NA	CH2M
	10/08/2015	ND (1.0)	0.34	NA	Arcadis
No. of Samples:	15				
06-17	07/17/2012	ND (1.0)	0.21	NA	CH2M
	10/08/2012	ND (1.0)	0.12	NA	CH2M
No. of Samples:	2				
06-18	09/04/2012	ND (1.0)	0.3	NA	CH2M
	01/16/2013	ND (1.0)	0.27	NA	CH2M
	04/02/2013	ND (1.0)	0.14	NA	CH2M
	07/02/2013	ND (1.0)	0.17	NA	CH2M
	10/01/2013	ND (1.0)	0.14	NA	CH2M
	01/07/2014	ND (1.0)	0.26	NA	CH2M
	04/01/2014	ND (1.0)	0.11	NA	CH2M
	04/01/2014*	ND (1.0)	0.13	NA	CH2M
	07/11/2014	ND (1.0)	0.14	NA	CH2M
No. of Samples:	9				
06-19	09/04/2012	ND (1.0)	0.2	NA	CH2M
No. of Samples:	1				
06-20	09/05/2012	ND (1.0)	0.36	NA	CH2M
	10/17/2012	ND (1.0)	0.24	NA	CH2M
	01/11/2013	ND (1.0)	0.24	NA	CH2M
	04/02/2013	ND (1.0)	0.27	NA	CH2M
	07/02/2013	ND (1.0)	0.31	NA	CH2M
	10/04/2013	ND (1.0)	0.27	NA	CH2M
	01/07/2014	ND (1.0)	0.31	NA	CH2M
	04/01/2014	ND (1.0)	0.29	NA	CH2M
	07/02/2014	ND (1.0)	0.29	NA	CH2M
	12/10/2014	ND (1.0)	0.25	NA	CH2M
	01/19/2015	ND (1.0)	0.3	NA	CH2M
	04/07/2015	ND (1.0)	0.27	NA	CH2M
	07/10/2015	ND (1.0)	0.37	NA	CH2M
	10/19/2015	ND (1.0)	0.35	NA	Arcadis
No. of Samples:	14				
06E-01	04/17/2006	1.38	ND (0.2)	NA	CH2M
	07/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	4				
06E-02	02/22/2008	ND (1.0)	0.317	NA	CH2M
	01/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/27/2012	ND (1.0)	0.19	NA	CH2M
No. of Samples:	3				
09-01	05/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
09-01	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	03/07/2014	ND (1.0)	0.59	NA	CH2M
	04/02/2014	ND (1.0)	0.49	NA	CH2M
	07/08/2014	ND (1.0)	0.13	NA	CH2M
	07/08/2014*	ND (1.0)	0.063	NA	CH2M
No. of Samples:	8				
10-02	04/05/2011	2.0	1.2	NA	CH2M
	04/20/2012	1.3	1.3	NA	CH2M
No. of Samples:	2				
10-03	01/04/2012	2.2	2.1	NA	CH2M
No. of Samples:	1				
10-04	07/12/2012	1.3	1.1	NA	CH2M
	10/02/2012	1.1	0.72	NA	CH2M
	01/07/2013	1.7	1.5	NA	CH2M
	04/03/2013	1.2	0.45	NA	CH2M
	07/01/2013	1.2	0.75	NA	CH2M
	10/03/2013	1.1	0.52	NA	CH2M
	01/07/2014	1.1	0.24	NA	CH2M
	01/07/2014*	1.2	0.23	NA	CH2M
	04/02/2014	ND (1.0)	0.19	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2015	1.3	0.66	NA	CH2M
	04/07/2015	ND (1.0)	0.43	NA	CH2M
	07/06/2015	ND (1.0)	0.56	NA	CH2M
	10/09/2015	ND (1.0)	0.081	NA	Arcadis
No. of Samples:	15				
11-04	07/18/2012	ND (1.0)	0.36	NA	CH2M
No. of Samples:	1				
11-05	01/12/2011	ND (1.0)	0.8	NA	CH2M
No. of Samples:	1				
11-06	04/04/2011	1.5	1.3	NA	CH2M
	07/16/2012	ND (1.0)	1.1	NA	CH2M
No. of Samples:	2				
11-07	10/19/2011	ND (1.0)	0.32	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
11-07	10/01/2013	ND (1.0)	0.1	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	02/12/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		13			
11-09	11/17/2011	ND (1.0)	0.13	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2012	ND (1.0)	0.065	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	0.097	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		6			
11-10	11/17/2011	3.8	4.2	NA	CH2M
	12/14/2011	4.6	4.4	NA	CH2M
	01/10/2012	3.8	4.1	NA	CH2M
	04/25/2012	4.0	4.4	NA	CH2M
	07/11/2012	3.9	4.2	NA	CH2M
	01/16/2013	4.6	4.3	NA	CH2M
	04/02/2013	3.5	3.9	NA	CH2M
	07/09/2013	3.8	4.3	NA	CH2M
	10/01/2013	5.1	4.6	NA	CH2M
	01/08/2014	4.4	4.6	NA	CH2M
	04/04/2014	4.1	4.0	NA	CH2M
	07/09/2014	3.8	3.8	NA	CH2M
No. of Samples:		12			
11-11	01/05/2012	4.0	3.9	NA	CH2M
	01/23/2012	3.7	3.5	NA	CH2M
	04/12/2012	3.4	3.4	NA	CH2M
	10/15/2012	4.6	4.0	NA	CH2M
No. of Samples:		4			
11-12	06/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	0.065	NA	CH2M
	08/01/2013	ND (1.0)	0.13	NA	CH2M
	09/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		5			
11S-01	03/02/2012	2.2	2.5	NA	CH2M
No. of Samples:		1			
11S-02	07/17/2012	ND (1.0)	0.95	NA	CH2M
No. of Samples:		1			
14-01	05/21/2011	1.6	1.3	NA	CH2M
	07/06/2011	1.2	1.2	NA	CH2M
	10/05/2011	1.2	1.1	NA	CH2M
	01/04/2012	ND (1.0)	0.87	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
14-01	04/05/2012	ND (1.0)	0.81	NA	CH2M
	04/05/2012*	ND (1.0)	0.71	NA	CH2M
	07/11/2012	ND (1.0)	0.12	NA	CH2M
No. of Samples:	7				
14-01-South	04/15/2005	1.11	0.464	NA	CH2M
No. of Samples:	1				
14-03	09/10/2012	2.9	2.8	NA	CH2M
	10/02/2012	3.0	2.9	NA	CH2M
No. of Samples:	2				
14-04	01/12/2011	2.4	2.1	NA	CH2M
	07/05/2011	3.3	3.3	NA	CH2M
	10/20/2011	3.6	3.4	NA	CH2M
	01/05/2012	3.1	2.5	NA	CH2M
	04/04/2012	3.2	3.2	NA	CH2M
No. of Samples:	5				
14-05	10/20/2011	3.2	3.1	NA	CH2M
	01/11/2012	1.2	0.5	NA	CH2M
	01/11/2012*	1.4	0.67	NA	CH2M
	07/20/2012	ND (1.0)	0.14	NA	CH2M
No. of Samples:	4				
14-06	01/06/2011	3.1	3.0	NA	CH2M
	04/05/2011	2.3	2.3	NA	CH2M
	07/06/2011	2.4	2.5	NA	CH2M
	10/05/2011	2.8	2.4	NA	CH2M
	01/16/2012	2.1	2.3	NA	CH2M
	04/04/2012	2.2	2.3	NA	CH2M
	07/11/2012	2.0	2.2	NA	CH2M
	10/01/2012	2.7	2.6	NA	CH2M
	01/25/2013	2.4	2.4	NA	CH2M
	04/03/2013	2.4	2.4	NA	CH2M
	04/03/2013*	2.4	2.4	NA	CH2M
No. of Samples:	11				
14-07	01/27/2011	2.5	2.6	NA	CH2M
	07/05/2011	2.6	2.9	NA	CH2M
	10/05/2011	3.0	3.0	NA	CH2M
	09/26/2012	2.8	2.9	NA	CH2M
	10/08/2012	2.7	2.8	NA	CH2M
	10/08/2012*	2.6	2.8	NA	CH2M
No. of Samples:	6				
14-10	04/28/2011	3.7	3.3	NA	CH2M
	05/18/2011	3.7	3.4	NA	CH2M
	05/18/2011*	3.6	3.4	NA	CH2M
	07/05/2011	3.2	3.4	NA	CH2M
	10/27/2011	3.4	3.4	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
14-10	01/11/2012	3.0	3.1	NA	CH2M
	04/04/2012	3.2	3.2	NA	CH2M
	10/04/2012	3.3	3.3	NA	CH2M
No. of Samples:	8				
14-11	03/08/2011	2.6	2.3	NA	CH2M
	07/05/2011	2.6	2.7	NA	CH2M
	10/05/2011	3.7	3.4	NA	CH2M
	10/27/2011	3.7	3.4	NA	CH2M
	01/05/2012	3.1	2.8	NA	CH2M
	04/11/2012	2.2	2.3	NA	CH2M
	07/12/2012	3.2	3.2	NA	CH2M
	10/02/2012	3.2	3.1	NA	CH2M
No. of Samples:	8				
14-12	06/21/2011	2.4	2.1	NA	CH2M
	07/05/2011	2.8	3.0	NA	CH2M
	10/05/2011	3.3	3.0	NA	CH2M
	10/05/2011*	3.2	3.2	NA	CH2M
	10/27/2011	3.3	3.1	NA	CH2M
	01/16/2012	2.4	2.5	NA	CH2M
	04/04/2012	2.5	2.5	NA	CH2M
	07/16/2012	2.4	2.4	NA	CH2M
	10/17/2012	2.8	2.9	NA	CH2M
	01/17/2013	3.1	2.9	NA	CH2M
No. of Samples:	10				
14-13	11/22/2011	3.8	3.2	NA	CH2M
	12/15/2011	3.4	3.3	NA	CH2M
	01/23/2012	2.9	3.0	NA	CH2M
	04/25/2012	2.9	3.1	NA	CH2M
No. of Samples:	4				
14-14	12/15/2011	2.0	1.8	NA	CH2M
	01/18/2012	1.6	1.6	NA	CH2M
	06/06/2012	1.6	1.2	NA	CH2M
	07/11/2012	1.2	0.91	NA	CH2M
	10/01/2012	1.4	1.3	NA	CH2M
	03/12/2013	1.8	1.1	NA	CH2M
	04/10/2013	1.8	1.1	NA	CH2M
No. of Samples:	7				
14-15	10/08/2012	2.6	2.8	NA	CH2M
	03/06/2019	2.9	2.7	NA	Arcadis
	04/03/2019	2.7	2.4	NA	Arcadis
	07/16/2019	2.6	2.7	NA	Arcadis
No. of Samples:	4				
15-02	03/07/2011	ND (1.0)	1.0	NA	CH2M
	08/22/2012	ND (1.0)	0.71	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
15-02	10/01/2012	ND (1.0)	NA	NA	CH2M
	01/10/2013	1.1	0.63	NA	CH2M
	01/10/2013*	1.0	0.59	NA	CH2M
	04/03/2013	ND (1.0)	0.39	NA	CH2M
	07/01/2013	ND (1.0)	0.58	NA	CH2M
No. of Samples:		7			
15-03	06/21/2011	ND (1.0)	ND (1.0)	NA	CH2M
	12/14/2011	1.0	ND (1.0)	NA	CH2M
	01/04/2012	ND (1.0)	ND (0.3)	NA	CH2M
	04/06/2012	ND (1.0)	0.13	NA	CH2M
No. of Samples:		4			
15-04	06/21/2011	2.0	2.0	NA	CH2M
	08/16/2011	2.1	2.0	NA	CH2M
	10/07/2011	2.2	2.0	NA	CH2M
No. of Samples:		3			
15-05	08/11/2011	1.0 J	1.7 J	NA	CH2M
	10/05/2011	1.9	1.9	NA	CH2M
	01/04/2012	1.9	1.8	NA	CH2M
	04/05/2012	1.4	1.5	NA	CH2M
	07/11/2012	1.4	1.7	NA	CH2M
	10/02/2012	1.6	1.6	NA	CH2M
	01/07/2013	1.5	1.6	NA	CH2M
	04/02/2013	1.4	1.5	NA	CH2M
	07/01/2013	1.4	1.4	NA	CH2M
	10/01/2013	1.8	1.8	NA	CH2M
	01/07/2014	1.5	1.2	NA	CH2M
	04/03/2014	1.4	1.4	NA	CH2M
	07/08/2014	1.5	1.4	NA	CH2M
	12/10/2014	1.6	1.6	NA	CH2M
	12/10/2014*	1.6	1.7	NA	CH2M
	01/06/2015	1.4	1.4	NA	CH2M
	04/06/2015	1.7	1.8	NA	CH2M
	07/09/2015	1.4	1.6	NA	CH2M
	10/08/2015	1.4	0.9	NA	Arcadis
	01/11/2016	2.0	1.2	NA	Arcadis
No. of Samples:		20			
15-06	08/11/2011	1.1	1.3	NA	CH2M
	10/05/2011	1.9	1.7	NA	CH2M
	01/04/2012	ND (1.0)	0.31	NA	CH2M
	04/05/2012	ND (1.0)	0.42	NA	CH2M
	07/11/2012	ND (1.0)	0.83	NA	CH2M
	10/02/2012	1.1	1.0	NA	CH2M
	01/07/2013	ND (1.0)	0.15	NA	CH2M
	04/02/2013	ND (1.0)	0.076	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
15-06	07/01/2013	ND (1.0)	0.85	NA	CH2M
	10/01/2013	1.3	1.1	NA	CH2M
	01/07/2014	1.2	1.2	NA	CH2M
	01/07/2014*	1.2	1.2	NA	CH2M
	04/03/2014	1.2	1.1	NA	CH2M
	07/08/2014	ND (1.0)	0.87	NA	CH2M
	12/10/2014	ND (1.0)	0.85	NA	CH2M
	01/06/2015	ND (1.0)	0.83	NA	CH2M
	04/06/2015	ND (1.0)	0.81	NA	CH2M
	07/09/2015	ND (1.0)	0.78	NA	CH2M
	10/08/2015	1.2	1.2	NA	Arcadis
	01/11/2016	1.7	1.5	NA	Arcadis
No. of Samples:		20			
15-08	08/11/2011	1.4	1.6	NA	CH2M
	10/05/2011	1.7	1.8	NA	CH2M
	01/04/2012	1.4	1.4	NA	CH2M
	04/05/2012	1.4	1.5	NA	CH2M
	07/11/2012	1.3	1.5	NA	CH2M
	07/11/2012*	1.3	1.5	NA	CH2M
	10/02/2012	1.4	1.4	NA	CH2M
	01/07/2013	1.1	1.3	NA	CH2M
	04/02/2013	1.3	1.5	NA	CH2M
	07/01/2013	1.2	1.0	NA	CH2M
	10/01/2013	1.6	1.6	NA	CH2M
	01/07/2014	1.3	1.4	NA	CH2M
	04/03/2014	1.4	1.4	NA	CH2M
	07/08/2014	1.3	1.4	NA	CH2M
	07/08/2014*	1.3	1.4	NA	CH2M
	12/10/2014	1.4	1.4	NA	CH2M
	01/06/2015	1.6	1.5	NA	CH2M
	04/06/2015	1.4	1.4	NA	CH2M
	07/09/2015	1.3	1.5	NA	CH2M
	10/08/2015	1.4	1.5	NA	Arcadis
	01/11/2016	1.5	1.3	NA	Arcadis
No. of Samples:		21			
15-12	08/18/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/05/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	0.081	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012*	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
15-12	01/07/2013	ND (1.0)	ND (0.3)	NA	CH2M
	04/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013*	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		12			
15-13	11/17/2011	3.4	2.8	NA	CH2M
	12/15/2011	3.2	2.7	NA	CH2M
	01/16/2012	2.5	2.6	NA	CH2M
	04/03/2012	2.5	2.8	NA	CH2M
	07/10/2012	2.5	2.7	NA	CH2M
	10/04/2012	2.7	2.7	NA	CH2M
	01/10/2013	2.5	2.2	NA	CH2M
	04/03/2013	2.5	2.6	NA	CH2M
	07/01/2013	2.5	2.6	NA	CH2M
	10/08/2013	2.6	2.4	NA	CH2M
	01/13/2014	1.7	1.3	NA	CH2M
	04/02/2014	2.2	2.2	NA	CH2M
	07/14/2014	2.5	2.2	NA	CH2M
	10/16/2014	2.7	2.8	NA	CH2M
	01/12/2015	2.3	2.4	NA	CH2M
	01/12/2015*	2.4	2.3	NA	CH2M
	04/02/2015	3.0	2.8	NA	CH2M
	07/09/2015	2.8	2.9	NA	CH2M
	10/21/2015	2.4	2.6	NA	Arcadis
	01/11/2016	2.9	2.5	NA	Arcadis
No. of Samples:		20			
15-14	12/16/2011	2.4	1.9	NA	CH2M
	01/25/2012	ND (1.0)	0.58	NA	CH2M
	04/03/2012	1.8	1.9	NA	CH2M
	07/20/2012	1.7	1.8	NA	CH2M
	10/04/2012	2.0	2.0	NA	CH2M
No. of Samples:		5			
15-15	11/23/2011	1.0	0.96	NA	CH2M
	01/10/2012	ND (1.0)	0.86	NA	CH2M
	04/02/2012	ND (1.0)	0.84	NA	CH2M
	07/11/2012	ND (1.0)	0.67	NA	CH2M
	10/02/2012	ND (1.0)	0.85	NA	CH2M
	01/10/2013	ND (1.0)	0.95	NA	CH2M
	04/03/2013	ND (1.0)	0.89	NA	CH2M
	07/01/2013	ND (1.0)	0.86	NA	CH2M
	10/01/2013	1.1	0.87	NA	CH2M
No. of Samples:		9			
15-16	11/23/2011	ND (1.0)	ND (1.0)	NA	CH2M
	01/17/2012	ND (1.0)	0.41	NA	CH2M
	04/03/2013	5.9	0.42	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
15-16	04/19/2013	5.5	0.46	NA	CH2M
	01/15/2014	5.0	0.59	NA	CH2M
	04/03/2014	2.2	1.1	NA	CH2M
No. of Samples:		6			
16N-01	04/03/2014	3.4	2.6	NA	CH2M
	07/02/2014	3.6	3.4	NA	CH2M
	10/08/2014	3.3	2.7	NA	CH2M
	01/06/2015	3.4	3.1	NA	CH2M
	04/02/2015	4.0	3.2	NA	CH2M
	04/02/2015*	3.6	3.2	NA	CH2M
	07/06/2015	3.7	3.6	NA	CH2M
	10/19/2015	3.7	3.9	NA	Arcadis
No. of Samples:		8			
21-02	01/07/2011	1.6	1.7	NA	CH2M
	01/07/2011*	1.6	1.8	NA	CH2M
	11/17/2011	ND (1.0)	0.77	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2012	ND (1.0)	0.36	NA	CH2M
	07/11/2012	ND (1.0)	0.48	NA	CH2M
	10/03/2012	ND (1.0)	0.5	NA	CH2M
	10/03/2012*	ND (1.0)	0.53	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2014	1.0	0.89	NA	CH2M
	10/06/2014	1.1	1.2	NA	CH2M
	01/14/2015	ND (1.0)	0.56	NA	CH2M
	04/06/2015	1.3	1.3	NA	CH2M
	07/09/2015	1.3	1.3	NA	CH2M
	07/09/2015*	1.2	1.3	NA	CH2M
	10/13/2015	1.3	1.3	NA	Arcadis
No. of Samples:		19			
21-03	01/07/2011	ND (1.0)	0.98	NA	CH2M
	01/07/2011*	ND (1.0)	0.96	NA	CH2M
	11/17/2011	1.4	0.46	NA	CH2M
	01/09/2012	ND (1.0)	0.086	NA	CH2M
	04/03/2012	1.1	1.2	NA	CH2M
	07/11/2012	ND (1.0)	0.22	NA	CH2M
	10/03/2012	1.2	1.0	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	0.53	NA	CH2M
	01/06/2014	ND (1.0)	0.51	NA	CH2M
	01/06/2014*	ND (1.0)	0.47	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
21-03	04/03/2014	ND (1.0)	0.22	NA	CH2M
	07/02/2014	1.1	1.0	NA	CH2M
	10/06/2014	1.1	1.2	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2015	ND (1.0)	0.1	NA	CH2M
	07/09/2015	ND (1.0)	0.65	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/12/2016	ND (1.0)	0.2	NA	Arcadis
	04/05/2016	ND (1.0)	0.17	NA	Arcadis
	07/06/2016	ND (1.0)	0.54	NA	Arcadis
	10/04/2016	ND (1.0)	0.4	NA	Arcadis
	01/10/2017	ND (1.0)	0.67	NA	Arcadis
	04/04/2017	1.2	0.88	NA	Arcadis
	07/10/2017	ND (1.0)	1.1	NA	Arcadis
	10/04/2017	1.1	1.1	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/01/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/07/2019	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:		34			
21N-02	07/31/2012	2.6	2.8	NA	CH2M
	04/03/2014	2.9	2.3	NA	CH2M
	07/02/2014	2.3	2.5	NA	CH2M
	10/08/2014	3.0	3.0	NA	CH2M
	01/06/2015	3.8	3.9	NA	CH2M
	04/01/2015	4.1	3.6	NA	CH2M
	07/06/2015	3.4	3.2	NA	CH2M
	10/09/2015	3.1	3.1	NA	Arcadis
No. of Samples:		8			
21N-03	08/02/2012	3.5	3.8	NA	CH2M
	04/03/2014	3.9	4.1	NA	CH2M
	07/08/2014	3.8	4.0	NA	CH2M
	10/08/2014	4.1	4.4	NA	CH2M
	01/06/2015	3.8	4.2	NA	CH2M
	04/01/2015	4.0	3.9	NA	CH2M
	07/06/2015	4.0	4.3	NA	CH2M
	10/09/2015	3.8	4.0	NA	Arcadis
No. of Samples:		8			
21N-04	09/05/2012	4.3	4.6	NA	CH2M
	04/03/2014	4.5	4.5	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
21N-04	07/02/2014	4.0	4.4	NA	CH2M
	07/02/2014*	4.1	4.3	NA	CH2M
	10/08/2014	3.9	4.3	NA	CH2M
	01/06/2015	3.6	3.9	NA	CH2M
	04/01/2015	3.5	3.4	NA	CH2M
	07/06/2015	3.9	4.1	NA	CH2M
	10/09/2015	4.0	4.2	NA	Arcadis
No. of Samples:		9			
21N-05	04/03/2014	4.0	4.1	NA	CH2M
	10/08/2015	3.5	3.5	NA	Arcadis
No. of Samples:		2			
22-03	06/16/2010	1.1	1.4	NA	CH2M
	12/20/2010	1.5	1.3	NA	CH2M
	11/28/2011	1.1	1.2	NA	CH2M
	01/11/2012	ND (1.0)	1.1	NA	CH2M
	04/03/2012	ND (1.0)	1.2	NA	CH2M
	07/09/2012	ND (1.0)	1.1	NA	CH2M
	10/03/2012	1.0	1.1	NA	CH2M
No. of Samples:		7			
22-06	06/23/2011	1.2	1.1	NA	CH2M
	07/06/2011	1.3	0.41	NA	CH2M
	10/07/2011	1.0	1.0	NA	CH2M
	01/09/2012	ND (1.0)	0.79	NA	CH2M
	04/11/2012	ND (1.0)	0.77	NA	CH2M
	07/09/2012	1.1	1.4	NA	CH2M
	10/03/2012	1.3	1.2	NA	CH2M
	01/10/2013	1.1	0.97	NA	CH2M
	04/01/2013	ND (1.0)	0.69	NA	CH2M
	07/08/2013	1.0	1.1	NA	CH2M
	07/08/2013*	1.1	1.1	NA	CH2M
	10/01/2013	ND (1.0)	0.2	NA	CH2M
	01/07/2014	ND (1.0)	0.25	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		14			
22-07	10/05/2011	1.8	0.73	NA	CH2M
	10/05/2011*	1.2	0.75	NA	CH2M
	01/09/2012	ND (1.0)	0.5	NA	CH2M
	04/27/2012	ND (1.0)	0.77	NA	CH2M
	04/27/2012*	ND (1.0)	0.77	NA	CH2M
	07/09/2012	ND (1.0)	0.84	NA	CH2M
	07/09/2012*	ND (1.0)	0.86	NA	CH2M
	10/01/2012	ND (1.0)	0.77	NA	CH2M
	01/17/2013	ND (1.0)	0.57	NA	CH2M
	04/01/2013	ND (1.0)	0.67	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-07	07/09/2013	ND (1.0)	0.67	NA	CH2M
	10/01/2013	ND (1.0)	0.61	NA	CH2M
	01/07/2014	ND (1.0)	0.34	NA	CH2M
	04/17/2014	ND (1.0)	0.86	NA	CH2M
	04/17/2014*	ND (1.0)	0.82	NA	CH2M
No. of Samples:		15			
22-09	08/18/2011	1.2	0.81	NA	CH2M
	10/04/2011	1.7	0.63	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2012	ND (1.0)	0.56	NA	CH2M
	07/09/2012	1.5	1.3	NA	CH2M
	10/03/2012	1.8	1.2	NA	CH2M
	01/08/2013	1.3	1.5	NA	CH2M
	01/08/2013*	1.3	1.5	NA	CH2M
	04/09/2013	1.4	1.4	NA	CH2M
	07/12/2013	1.2	1.5	NA	CH2M
	10/10/2013	ND (1.0)	0.72	NA	CH2M
No. of Samples:		11			
22-10	09/07/2011	2.4	2.2	NA	CH2M
	10/05/2011	2.6	2.1	NA	CH2M
	01/10/2012	1.9	2.0	NA	CH2M
	04/23/2012	2.0	2.1	NA	CH2M
	04/23/2012*	1.9	2.0	NA	CH2M
	07/09/2012	1.7	1.7	NA	CH2M
	10/04/2012	1.9	2.0	NA	CH2M
	01/08/2013	1.9	2.0	NA	CH2M
No. of Samples:		8			
22-101	07/17/2012	ND (1.0)	0.59	NA	CH2M
	10/04/2012	ND (1.0)	0.76	NA	CH2M
No. of Samples:		2			
22-102	05/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2012	1.2	1.0	NA	CH2M
	01/18/2013	ND (1.0)	0.56	NA	CH2M
	04/15/2013	1.0	1.2	NA	CH2M
	07/16/2013	ND (1.0)	0.86	NA	CH2M
	11/07/2013	ND (1.0)	0.27	NA	CH2M
	01/16/2014	ND (1.0)	0.71	NA	CH2M
	04/10/2014	ND (1.0)	0.96	NA	CH2M
No. of Samples:		9			
22-103	07/09/2012	2.0	2.2	NA	CH2M
	10/04/2012	2.2	2.1	NA	CH2M
	01/25/2013	2.2	2.1	NA	CH2M
	04/04/2013	2.4	2.2	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-103	07/02/2013	2.0	2.2	NA	CH2M
	10/01/2013	2.3	2.2	NA	CH2M
	01/07/2014	2.0	2.2	NA	CH2M
	04/02/2014	2.0	2.1	NA	CH2M
	07/07/2014	1.9	2.0	NA	CH2M
	10/07/2014	1.9	2.1	NA	CH2M
	01/12/2015	2.1	2.3	NA	CH2M
	04/09/2015	2.0	2.1	NA	CH2M
	04/09/2015*	2.0	2.1	NA	CH2M
	07/10/2015	2.0	2.0	NA	CH2M
	10/12/2015	1.9	2.1	NA	Arcadis
	01/20/2016	2.1	2.1	NA	Arcadis
	04/08/2016	1.9	1.9	NA	Arcadis
	07/08/2016	2.0	2.0	NA	Arcadis
	10/06/2016	2.1	2.0	NA	Arcadis
	04/06/2017	1.9	2.0	NA	Arcadis
	10/05/2017	1.7	1.9	NA	Arcadis
	01/18/2018	1.6	1.6	NA	Arcadis
	04/05/2018	2.0	1.9	NA	Arcadis
	07/12/2018	1.8	1.9	NA	Arcadis
	10/11/2018	1.7	1.8	NA	Arcadis
	10/11/2018*	1.7	1.7	NA	Arcadis
	04/04/2019	2.3	1.8	NA	Arcadis
	04/04/2019*	2.1	1.9	NA	Arcadis
	07/10/2019	1.7	1.8	NA	Arcadis
	10/10/2019	1.5	1.7	NA	Arcadis
	10/10/2019*	1.4	1.7	NA	Arcadis
	01/16/2020	1.7	1.8	NA	Arcadis
	04/09/2020	1.8	1.8	NA	Arcadis
	07/09/2020	1.8	1.7	NA	Arcadis
	10/08/2020	2.2	1.8	NA	Arcadis
	01/14/2021	1.9	1.7	NA	Arcadis
	04/08/2021	1.8	1.9	NA	Arcadis
No. of Samples:		37			
22-104	07/09/2012	ND (1.0)	0.98	NA	CH2M
	10/11/2012	ND (1.0)	0.38	NA	CH2M
	01/18/2013	ND (1.0)	0.21	NA	CH2M
	04/15/2013	ND (1.0)	0.31	NA	CH2M
	07/16/2013	ND (1.0)	0.31	NA	CH2M
	11/07/2013	ND (1.0)	0.29	NA	CH2M
	01/16/2014	ND (1.0)	0.56	NA	CH2M
	04/10/2014	ND (1.0)	0.46	NA	CH2M
No. of Samples:		8			
22-105	07/17/2012	1.2	1.4	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-105	10/03/2012	1.3	1.1	NA	CH2M
No. of Samples:	2				
22-106	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	1				
22-107	11/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2013	ND (1.0)	0.081	NA	CH2M
	07/12/2013	ND (1.0)	0.14	NA	CH2M
No. of Samples:	3				
22-108	01/16/2013	ND (1.0)	0.092	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	0.28	NA	CH2M
	01/08/2014	ND (1.0)	0.23	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2014	ND (1.0)	0.15	NA	CH2M
	10/13/2014	ND (1.0)	0.3	NA	CH2M
	01/12/2015	ND (1.0)	ND (0.06)	NA	CH2M
	06/24/2015	ND (1.0)	0.093	NA	CH2M
	07/14/2015	ND (1.0)	0.099	NA	CH2M
	07/14/2015*	ND (1.0)	0.11	NA	CH2M
	10/23/2015	ND (1.0)	0.57	NA	Arcadis
	02/04/2016	ND (1.0)	0.13	NA	Arcadis
	04/05/2016	ND (1.0)	0.4	NA	Arcadis
No. of Samples:	14				
22-11	12/21/2010	2.9	1.4	NA	CH2M
	08/17/2011	1.5	1.6	NA	CH2M
	10/05/2011	1.8	1.6	NA	CH2M
	01/10/2012	1.0	1.0	NA	CH2M
	04/06/2012	ND (1.0)	0.82	NA	CH2M
	07/17/2012	1.5	1.5	NA	CH2M
	12/07/2012	1.5	1.3	NA	CH2M
	01/07/2013	1.4	1.3	NA	CH2M
	04/02/2013	1.0	1.1	NA	CH2M
	07/02/2013	ND (1.0)	0.7	NA	CH2M
No. of Samples:	10				
22-13	11/17/2011	ND (1.0)	0.17	NA	CH2M
	01/06/2012	ND (1.0)	0.46	NA	CH2M
	04/11/2012	ND (1.0)	0.11	NA	CH2M
	07/11/2012	ND (1.0)	0.19	NA	CH2M
	10/03/2012	ND (1.0)	0.12	NA	CH2M
No. of Samples:	5				
22-14	11/28/2011	1.5	1.5	NA	CH2M
	01/06/2012	1.3	1.4	NA	CH2M
	04/03/2012	1.4	1.6	NA	CH2M
	07/09/2012	1.4	1.6	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-14	10/03/2012	1.6	1.5	NA	CH2M
<i>No. of Samples:</i> 5					
22-15	12/20/2010	1.2	1.1	NA	CH2M
	08/16/2011	1.5	1.6	NA	CH2M
	10/07/2011	1.2	1.1	NA	CH2M
	01/05/2012	ND (1.0)	0.69	NA	CH2M
	04/03/2012	ND (1.0)	1.2	NA	CH2M
	07/09/2012	ND (1.0)	1.4	NA	CH2M
<i>No. of Samples:</i> 6					
22-16	12/21/2010	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2011	ND (1.0)	0.21	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2011	ND (1.0)	0.21	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/09/2012	ND (1.0)	0.072	NA	CH2M
	07/12/2012	ND (1.0)	0.088	NA	CH2M
	07/12/2012*	ND (1.0)	0.096	NA	CH2M
	10/08/2012	ND (1.0)	0.063	NA	CH2M
<i>No. of Samples:</i> 9					
22-17	08/16/2011	ND (1.0)	0.82	NA	CH2M
	10/03/2011	ND (1.0)	0.49	NA	CH2M
<i>No. of Samples:</i> 2					
22-19	04/28/2011	1.8	0.44	NA	CH2M
	07/06/2011	2.2	1.9	NA	CH2M
	10/04/2011	2.3	1.4 J	NA	CH2M
	10/04/2011*	2.8	2.1 J	NA	CH2M
	10/27/2011	1.8	0.32	NA	CH2M
	01/05/2012	ND (1.0)	0.75	NA	CH2M
	04/11/2012	1.4	1.2	NA	CH2M
	06/14/2012	1.4	0.072	NA	CH2M
	07/09/2012	1.9	0.33	NA	CH2M
	10/04/2012	1.9	1.1	NA	CH2M
<i>No. of Samples:</i> 10					
22-21	11/29/2011	2.7	2.3	NA	CH2M
	01/24/2012	2.0	2.0	NA	CH2M
	04/10/2012	1.9	2.2	NA	CH2M
	07/10/2012	2.1	2.1	NA	CH2M
	10/03/2012	2.2	2.2	NA	CH2M
	01/08/2013	1.9	2.2	NA	CH2M
	04/01/2013	1.8	2.3	NA	CH2M
	07/02/2013	2.0	2.2	NA	CH2M
	10/10/2013	1.9	2.2	NA	CH2M
	01/08/2014	2.1	2.1	NA	CH2M
	05/06/2014	1.9	1.9	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-21	10/20/2015	2.4	2.1	NA	Arcadis
	01/07/2016	2.1	2.0	NA	Arcadis
	04/11/2016	1.9	1.9	NA	Arcadis
	07/13/2016	2.0	2.0	NA	Arcadis
	10/10/2016	2.1	1.9	NA	Arcadis
	01/12/2017	2.1	1.9	NA	Arcadis
	04/07/2017	2.3	1.9	NA	Arcadis
	07/13/2017	1.8	2.0	NA	Arcadis
No. of Samples: 19					
22-23	07/17/2012	1.2	1.3	NA	CH2M
	10/03/2012	1.4	1.3	NA	CH2M
	01/16/2013	1.4	1.4	NA	CH2M
	04/01/2013	1.2	1.4	NA	CH2M
	07/02/2013	1.4	1.4	NA	CH2M
	07/02/2013*	1.3	1.5	NA	CH2M
	10/10/2013	ND (1.0)	0.84	NA	CH2M
	07/09/2014	1.5	1.4	NA	CH2M
	10/15/2014	1.3	1.5	NA	CH2M
No. of Samples: 9					
22-25	12/01/2011	ND (1.0)	0.7	NA	CH2M
	07/10/2012	ND (1.0)	0.36	NA	CH2M
	10/18/2012	ND (1.0)	0.9	NA	CH2M
	01/14/2013	ND (1.0)	0.16	NA	CH2M
	04/03/2013	ND (1.0)	0.25	NA	CH2M
No. of Samples: 5					
22-29	07/24/2002	3.0	0.22	NA	CH2M
	07/05/2011	1.0	0.52	NA	CH2M
	10/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/09/2011	1.7	1.5	NA	CH2M
	02/03/2012	ND (1.0)	0.99	NA	CH2M
	04/02/2012	ND (1.0)	0.49	NA	CH2M
	07/12/2012	ND (1.0)	0.72	NA	CH2M
	10/08/2012	1.1	1.2	NA	CH2M
	10/08/2012*	1.3	1.2	NA	CH2M
	01/16/2013	1.6	1.1	NA	CH2M
	04/01/2013	ND (1.0)	0.45	NA	CH2M
No. of Samples: 11					
22-30	06/26/2003	2.1	1.9	NA	CH2M
	01/12/2011	2.2	2.4	NA	CH2M
	04/04/2011	2.5	2.4	NA	CH2M
	07/06/2011	2.5	2.6	NA	CH2M
	10/04/2011	2.9	2.4	NA	CH2M
	01/17/2012	2.1	2.3	NA	CH2M
	04/04/2012	2.2	2.3	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-30	10/03/2012	2.2	2.3	NA	CH2M
	01/10/2013	2.5	2.3	NA	CH2M
	04/04/2013	2.5	2.4	NA	CH2M
	04/04/2013*	2.5	2.3	NA	CH2M
	07/08/2013	2.1	2.4	NA	CH2M
	10/02/2013	2.5	2.3	NA	CH2M
	01/13/2014	2.5	2.7	NA	CH2M
	04/04/2014	2.3	2.3	NA	CH2M
	07/16/2014	2.1	2.2	NA	CH2M
	01/12/2015	2.2	2.3	NA	CH2M
No. of Samples:		17			
22-31	12/16/2003	1.8	0.87	NA	CH2M
	04/04/2011	2.3	2.1	NA	CH2M
	09/07/2011	2.0	2.0	NA	CH2M
	10/05/2011	1.8	1.6	NA	CH2M
	01/10/2012	ND (1.0)	0.22	NA	CH2M
	04/23/2012	1.8	2.0	NA	CH2M
	07/09/2012	1.5	1.6	NA	CH2M
	10/04/2012	1.9	2.0	NA	CH2M
	01/08/2013	ND (1.0)	0.17	NA	CH2M
	01/08/2013*	ND (1.0)	0.16	NA	CH2M
No. of Samples:		10			
22-32	01/26/2004	2.5	0.92	NA	CH2M
No. of Samples:		1			
22-33	04/10/2007	1.02	1.06	NA	CH2M
	12/14/2010	1.3	0.99	NA	CH2M
	04/25/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.3)	NA	CH2M
No. of Samples:		4			
22-34	04/10/2007	1.76	1.62	NA	CH2M
	12/04/2007	1.52	1.63	NA	CH2M
	12/22/2010	1.8	1.6	NA	CH2M
	04/25/2012	1.2	1.3	NA	CH2M
	07/12/2012	1.4	1.4	NA	CH2M
No. of Samples:		5			
22-35	06/20/2007	1.64	1.43	NA	CH2M
	12/16/2011	1.8	2.0	NA	CH2M
	01/24/2012	1.6	1.7	NA	CH2M
	04/23/2012	1.7	1.9	NA	CH2M
	07/11/2012	1.5	1.8	NA	CH2M
	07/11/2012*	1.7	1.8	NA	CH2M
No. of Samples:		6			
22-36	08/14/2007	ND (1.0)	0.952	NA	CH2M
	12/14/2010	1.3	1.2	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-36	10/04/2011	1.6	1.1	NA	CH2M
	01/05/2012	1.0	0.98	NA	CH2M
	01/05/2012*	ND (1.0)	1.0	NA	CH2M
	04/05/2012	ND (1.0)	0.48	NA	CH2M
	07/09/2012	1.0	0.94	NA	CH2M
	10/03/2012	1.3	1.0	NA	CH2M
	01/11/2013	ND (1.0)	0.57	NA	CH2M
	04/01/2013	ND (1.0)	1.2	NA	CH2M
No. of Samples: 10					
22-37	08/14/2007	1.26	1.4	NA	CH2M
	01/07/2011	1.3	ND (0.2)	NA	CH2M
	01/07/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	ND (1.0)	0.13	NA	CH2M
	01/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2012	ND (1.0)	0.097	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2013	ND (1.0)	0.16	NA	CH2M
	04/03/2013	ND (1.0)	0.072	NA	CH2M
	07/01/2013	ND (1.0)	0.68	NA	CH2M
	10/01/2013	ND (1.0)	0.35	NA	CH2M
	01/08/2014	ND (1.0)	0.21	NA	CH2M
	01/08/2014*	ND (1.0)	0.21	NA	CH2M
	04/02/2014	ND (1.0)	0.6	NA	CH2M
No. of Samples: 17					
22-38	04/27/2011	1.1	0.54	NA	CH2M
	07/06/2011	ND (1.0)	0.28	NA	CH2M
	10/04/2011	1.7	0.48	NA	CH2M
	10/04/2011*	1.8	0.49	NA	CH2M
	01/06/2012	ND (1.0)	0.63	NA	CH2M
	04/03/2012	ND (1.0)	0.42	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 14					
22-39	01/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M

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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-39	07/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	09/13/2011	1.6	ND (0.2)	NA	CH2M
	10/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	ND (1.0)	0.14	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2012	ND (1.0)	0.064	NA	CH2M
	07/09/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/20/2016	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples: 27					
22-40	11/05/2008	ND (1.0)	0.286	NA	CH2M
	01/10/2011	1.4	1.1	NA	CH2M
	01/10/2011*	1.5	0.95	NA	CH2M
	04/04/2011	1.4	0.54	NA	CH2M
	04/04/2011*	1.5	0.59	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	1.9	2.3	NA	CH2M
	01/09/2012	ND (1.0)	0.62	NA	CH2M
	04/12/2012	ND (1.0)	1.0	NA	CH2M
	07/17/2012	ND (1.0)	0.39	NA	CH2M
No. of Samples: 11					
22-43	12/15/2010	1.7	1.3	NA	CH2M
	12/21/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2012	2.1	2.1	NA	CH2M
	08/22/2012	1.1	1.3	NA	CH2M
	10/03/2012	ND (1.0)	0.09	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 6					
22-44	12/15/2010	2.3	2.0	NA	CH2M
	11/10/2011	2.0	2.0	NA	CH2M
	01/16/2012	1.6	1.8	NA	CH2M
	04/02/2012	1.7	1.8	NA	CH2M
	07/10/2012	1.6	1.9	NA	CH2M
	10/04/2012	1.8	1.8	NA	CH2M
	01/18/2013	1.8	1.9	NA	CH2M
	12/09/2014	1.6	1.7	NA	CH2M
	01/13/2015	1.8	2.0	NA	CH2M
	10/12/2015	1.7	1.8	NA	Arcadis
	04/08/2016	1.7	1.7	NA	Arcadis
	04/08/2016*	1.7	1.7	NA	Arcadis
	07/08/2016	1.8	1.8	NA	Arcadis
	10/06/2016	1.9	1.7	NA	Arcadis
	01/12/2017	1.7	1.7	NA	Arcadis
	04/06/2017	1.6	1.7	NA	Arcadis
	01/18/2018	1.9	1.7	NA	Arcadis
	04/05/2018	1.8	1.8	NA	Arcadis
No. of Samples: 18					
22-45	12/15/2010	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2011	1.7	1.4	NA	CH2M
	10/04/2011	1.8	1.2	NA	CH2M
	10/27/2011	ND (1.0)	0.37	NA	CH2M
	01/06/2012	1.4	0.86	NA	CH2M
	04/10/2012	1.5	1.6	NA	CH2M
	07/13/2012	2.0	1.7	NA	CH2M
No. of Samples: 7					
22-46	03/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	0.16	NA	CH2M
No. of Samples: 3					
22-47	12/14/2010	ND (1.0)	0.35 J	NA	CH2M
	11/29/2011	1.5	1.0	NA	CH2M
	01/16/2012	ND (1.0)	0.55	NA	CH2M
	04/13/2012	ND (1.0)	0.98	NA	CH2M
	07/09/2012	ND (1.0)	1.1	NA	CH2M
	10/11/2012	ND (1.0)	0.19	NA	CH2M
	10/11/2012*	ND (1.0)	0.19	NA	CH2M
	01/18/2013	ND (1.0)	0.6	NA	CH2M
	04/15/2013	1.1	1.3	NA	CH2M
	07/16/2013	ND (1.0)	0.52	NA	CH2M
	11/07/2013	ND (1.0)	0.58	NA	CH2M
	01/16/2014	1.2	1.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-47	04/10/2014	1.3	1.2	NA	CH2M
	04/10/2014*	1.2	1.2	NA	CH2M
No. of Samples: 14					
22-48	01/10/2011	1.7	1.6	NA	CH2M
	01/10/2011*	1.6	1.5	NA	CH2M
	10/04/2011	2.1	1.6	NA	CH2M
	01/16/2012	1.4	1.5	NA	CH2M
	04/09/2012	1.4	1.6	NA	CH2M
	07/09/2012	1.4	1.6	NA	CH2M
	07/09/2012*	1.4	1.5	NA	CH2M
	10/03/2012	1.5	1.5	NA	CH2M
	01/14/2013	1.5	1.6	NA	CH2M
	04/02/2013	1.4	1.6	NA	CH2M
	07/03/2013	1.4	1.6	NA	CH2M
	10/01/2013	1.8	1.6	NA	CH2M
	01/08/2014	1.6	1.5	NA	CH2M
	04/08/2014	1.6	1.6	NA	CH2M
	07/14/2014	1.5	1.5	NA	CH2M
	07/14/2014*	1.5	1.4	NA	CH2M
	04/07/2015	1.6	1.6	NA	CH2M
	07/10/2015	1.4	1.6	NA	CH2M
	10/12/2015	1.4	1.6	NA	Arcadis
	01/20/2016	1.4	1.4	NA	Arcadis
	04/08/2016	1.5	1.4	NA	Arcadis
	07/08/2016	1.6	1.6	NA	Arcadis
	10/06/2016	1.7	1.5	NA	Arcadis
	01/12/2017	1.6	1.5	NA	Arcadis
	04/06/2017	1.4	1.4	NA	Arcadis
	10/02/2017	1.5	1.5	NA	Arcadis
	01/18/2018	2.2	1.5	NA	Arcadis
	04/05/2018	3.7	1.5	NA	Arcadis
	04/30/2018	1.5	1.5	NA	Arcadis
	07/16/2018	1.4	1.5	NA	Arcadis
	10/12/2018	1.5	1.5	NA	Arcadis
	02/14/2019	1.5	1.3	NA	Arcadis
	04/05/2019	1.4	1.5	NA	Arcadis
	10/10/2019	1.3	1.4	NA	Arcadis
	10/10/2019*	1.1	1.4	NA	Arcadis
	01/16/2020	1.5	1.5	NA	Arcadis
	04/09/2020	2.8	2.0	NA	Arcadis
	07/09/2020	1.9	1.5	NA	Arcadis
	10/08/2020	1.7	1.5	NA	Arcadis
	01/14/2021	2.5	2.2	NA	Arcadis
	04/08/2021	2.4	2.2	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 41					
22-53	12/15/2010	1.1	0.43	NA	CH2M
	10/18/2011	ND (1.0)	0.48	NA	CH2M
	01/06/2012	ND (1.0)	0.76	NA	CH2M
	04/20/2012	ND (1.0)	0.52	NA	CH2M
	07/17/2012	ND (1.0)	0.74	NA	CH2M
	10/04/2012	ND (1.0)	0.33	NA	CH2M
	01/11/2013	ND (1.0)	0.43	NA	CH2M
	04/01/2013	ND (1.0)	0.64	NA	CH2M
	07/02/2013	ND (1.0)	0.57	NA	CH2M
	10/01/2013	1.2	0.91	NA	CH2M
	01/08/2014	ND (1.0)	0.57	NA	CH2M
	04/04/2014	ND (1.0)	0.25	NA	CH2M
	07/09/2014	ND (1.0)	0.25	NA	CH2M
No. of Samples: 13					
22-54	12/14/2010	1.8	1.8	NA	CH2M
	10/03/2011	1.9	1.5	NA	CH2M
	01/05/2012	ND (1.0)	0.72	NA	CH2M
	04/04/2012	1.2	1.3	NA	CH2M
	07/09/2012	ND (1.0)	0.58	NA	CH2M
	10/04/2012	1.4	1.4	NA	CH2M
	01/10/2013	1.3	1.4	NA	CH2M
No. of Samples: 7					
22-55	12/14/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	0.2	NA	CH2M
	01/11/2012	ND (1.0)	0.31	NA	CH2M
	04/02/2012	ND (1.0)	0.24	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2012	ND (1.0)	0.14	NA	CH2M
	01/11/2013	ND (1.0)	0.83	NA	CH2M
	04/02/2013	ND (1.0)	0.76	NA	CH2M
	04/02/2013*	ND (1.0)	0.78	NA	CH2M
	01/08/2014	1.1	0.95	NA	CH2M
	04/04/2014	ND (1.0)	0.82	NA	CH2M
No. of Samples: 11					
22-56	12/13/2010	1.4	0.67	NA	CH2M
	10/05/2011	2.0	0.97	NA	CH2M
	01/10/2012	ND (1.0)	0.64	NA	CH2M
	04/11/2012	ND (1.0)	0.94	NA	CH2M
	07/12/2012	ND (1.0)	0.78	NA	CH2M
No. of Samples: 5					
22-57	12/13/2010	1.8	1.2	NA	CH2M
	10/05/2011	1.9	1.6	NA	CH2M
	03/09/2012	1.2	1.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-57	06/28/2012	1.4	1.4	NA	CH2M
	07/09/2012	1.1	1.1	NA	CH2M
	10/09/2012	1.3	1.2	NA	CH2M
	01/11/2013	ND (1.0)	1.0	NA	CH2M
	01/11/2013*	ND (1.0)	1.0	NA	CH2M
No. of Samples:		8			
22-58	12/14/2010	2.1	1.3	NA	CH2M
	04/06/2011	1.4	1.4	NA	CH2M
	10/04/2011	2.2	1.4	NA	CH2M
	01/04/2012	1.2	1.0	NA	CH2M
	04/11/2012	1.4	1.5	NA	CH2M
	07/09/2012	1.6	1.6	NA	CH2M
	10/03/2012	1.8	1.7	NA	CH2M
	03/13/2013	1.3	0.86	NA	CH2M
	04/10/2013	1.8	1.5	NA	CH2M
	07/10/2013	ND (1.0)	0.96	NA	CH2M
No. of Samples:		10			
22-59	12/21/2010	1.3	1.1	NA	CH2M
	11/10/2011	ND (1.0)	1.2	NA	CH2M
	01/12/2012	ND (1.0)	0.98	NA	CH2M
	01/12/2012*	ND (1.0)	0.83	NA	CH2M
	04/18/2012	ND (1.0)	0.82	NA	CH2M
	10/03/2012	ND (1.0)	0.86	NA	CH2M
No. of Samples:		6			
22-60	01/04/2011	ND (1.0)	0.27	NA	CH2M
	08/16/2011	ND (1.0)	0.34	NA	CH2M
	10/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/09/2011	ND (1.0)	0.2	NA	CH2M
	01/11/2012	ND (1.0)	0.14	NA	CH2M
	04/12/2012	ND (1.0)	0.15	NA	CH2M
	07/11/2012	ND (1.0)	0.092	NA	CH2M
	10/18/2012	ND (1.0)	0.15	NA	CH2M
	01/11/2013	ND (1.0)	0.15	NA	CH2M
	04/03/2013	ND (1.0)	0.29	NA	CH2M
	07/11/2013	ND (1.0)	0.28	NA	CH2M
	10/10/2013	ND (1.0)	0.13	NA	CH2M
	01/16/2014	ND (1.0)	0.16	NA	CH2M
	09/06/2017	ND (1.0)	0.57	NA	Arcadis
	10/05/2017	ND (1.0)	0.28	NA	Arcadis
	02/01/2018	ND (1.0)	0.38	NA	Arcadis
	04/09/2018	ND (1.0)	0.25	NA	Arcadis
	07/12/2018	ND (1.0)	0.11	NA	Arcadis
	07/12/2018*	ND (1.0)	0.11	NA	Arcadis
	10/12/2018	ND (1.0)	0.56	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-60	04/04/2019	ND (1.0)	0.16	NA	Arcadis
	07/16/2019	ND (1.0)	0.47	NA	Arcadis
	10/10/2019	ND (1.0)	0.51	NA	Arcadis
	01/16/2020	ND (1.0)	0.28	NA	Arcadis
	04/09/2020	ND (1.0)	0.15	NA	Arcadis
	07/10/2020	ND (1.0)	0.21	NA	Arcadis
	10/08/2020	1.3	0.46	NA	Arcadis
	01/14/2021	ND (1.0)	0.21	NA	Arcadis
	04/15/2021	ND (1.0)	0.25	NA	Arcadis
No. of Samples: 29					
22-61	01/12/2011	ND (1.0)	0.59	NA	CH2M
	08/17/2011	1.5	1.2	NA	CH2M
	10/04/2011	1.9	1.5	NA	CH2M
	10/04/2011*	2.0	1.5	NA	CH2M
	01/12/2012	ND (1.0)	0.55	NA	CH2M
	04/11/2012	ND (1.0)	0.65	NA	CH2M
	07/10/2012	1.1	1.3	NA	CH2M
	10/03/2012	1.2	0.88	NA	CH2M
	01/16/2013	ND (1.0)	0.54	NA	CH2M
No. of Samples: 9					
22-62	01/05/2011	2.1	1.4	NA	CH2M
	11/28/2011	1.5	1.3	NA	CH2M
	01/12/2012	1.0	1.2	NA	CH2M
	04/04/2012	1.2	1.3	NA	CH2M
	07/11/2012	1.0	1.3	NA	CH2M
	07/11/2012*	1.0	1.2	NA	CH2M
	10/08/2012	1.1	1.3	NA	CH2M
	01/10/2013	1.2	1.3	NA	CH2M
	04/04/2013	1.3	1.3	NA	CH2M
	07/08/2013	1.3	1.3	NA	CH2M
	10/04/2013	1.2	1.2	NA	CH2M
	03/18/2014	1.2	1.2	NA	CH2M
	04/07/2014	1.2	1.3	NA	CH2M
	07/15/2014	1.3	1.2	NA	CH2M
	10/14/2014	1.1	1.1	NA	CH2M
	01/15/2015	1.2	1.3	NA	CH2M
	01/15/2015*	1.2	1.3	NA	CH2M
	04/09/2015	1.1	1.1	NA	CH2M
	07/14/2015	ND (1.0)	1.2	NA	CH2M
	12/03/2015	1.0	1.1	NA	Arcadis
	01/21/2016	1.2	1.2	NA	Arcadis
	04/13/2016	ND (1.0)	0.99	NA	Arcadis
	07/11/2016	ND (1.0)	0.83	NA	Arcadis
	10/14/2016	ND (1.0)	0.52	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-62	01/12/2017	ND (1.0)	0.93	NA	Arcadis
	04/10/2017	ND (1.0)	0.58	NA	Arcadis
	07/19/2017	ND (1.0)	0.14	NA	Arcadis
	10/05/2017	ND (1.0)	0.9	NA	Arcadis
No. of Samples: 28					
22-63	12/20/2010	2.2	1.1	NA	CH2M
	12/01/2011	ND (1.0)	0.54	NA	CH2M
	01/10/2012	ND (1.0)	0.35	NA	CH2M
	04/11/2012	ND (1.0)	0.59	NA	CH2M
	04/11/2012*	ND (1.0)	0.69	NA	CH2M
	07/09/2012	1.2	1.2	NA	CH2M
	10/03/2012	1.4	1.4	NA	CH2M
	01/16/2013	ND (1.0)	0.58	NA	CH2M
	04/01/2013	ND (1.0)	1.1	NA	CH2M
	07/08/2013	1.5	1.6	NA	CH2M
	07/08/2013*	1.5	1.6	NA	CH2M
	10/01/2013	1.2	0.99	NA	CH2M
	01/06/2014	ND (1.0)	0.16	NA	CH2M
No. of Samples: 13					
22-65	12/22/2010	2.0	2.1	NA	CH2M
	12/16/2011	1.6	1.8	NA	CH2M
	01/19/2012	1.5	1.4	NA	CH2M
	04/11/2012	1.5	1.7	NA	CH2M
	07/11/2012	1.6	1.8	NA	CH2M
	10/10/2012	2.1	1.5	NA	CH2M
	01/09/2013	1.7	1.9	NA	CH2M
	04/04/2013	ND (1.0)	0.67	NA	CH2M
	10/10/2013	ND (1.0)	0.85	NA	CH2M
	12/10/2014	1.0	1.2	NA	CH2M
	01/05/2015	ND (1.0)	0.32	NA	CH2M
	04/02/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/19/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/07/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/12/2016	ND (1.0)	0.23	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/11/2017	ND (1.0)	ND (0.11)	NA	Arcadis
No. of Samples: 21					
22-66	01/12/2012	ND (1.0)	0.24	NA	CH2M
	04/04/2012	ND (1.0)	0.071	NA	CH2M
	08/22/2012	1.8	1.6	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-66	10/10/2012	2.4	1.7	NA	CH2M
No. of Samples:	4				
22-67	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	1				
22-69	04/27/2011	ND (1.0)	0.47	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2012	ND (1.0)	0.27	NA	CH2M
	07/12/2012	ND (1.0)	0.51	NA	CH2M
	10/03/2012	ND (1.0)	0.57	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2014	ND (1.0)	0.16	NA	CH2M
No. of Samples:	8				
22-70	11/23/2011	1.1	0.94	NA	CH2M
	06/13/2012	1.6	1.7	NA	CH2M
	07/10/2012	ND (1.0)	0.99	NA	CH2M
	10/03/2012	1.1	1.1	NA	CH2M
	01/07/2013	ND (1.0)	0.95	NA	CH2M
	04/01/2013	1.0	1.2	NA	CH2M
	07/02/2013	1.8	1.9	NA	CH2M
	10/01/2013	ND (1.0)	0.36	NA	CH2M
No. of Samples:	8				
22-73	07/06/2011	1.9	2.0	NA	CH2M
	10/04/2011	2.5	1.9	NA	CH2M
	01/13/2012	1.7	1.8	NA	CH2M
	07/16/2012	1.6	1.8	NA	CH2M
	10/10/2012	1.8	1.9	NA	CH2M
	10/10/2012*	1.8	1.9	NA	CH2M
	01/08/2013	1.6	1.9	NA	CH2M
	04/01/2013	1.6	1.9	NA	CH2M
	07/08/2013	1.7	1.9	NA	CH2M
	10/01/2013	2.1	1.9	NA	CH2M
	03/07/2014	1.8	1.6	NA	CH2M
	04/03/2014	2.1	1.8	NA	CH2M
	07/01/2014	2.0	1.8	NA	CH2M
	10/06/2014	2.0	2.1	NA	CH2M
	01/05/2015	2.5	2.1	NA	CH2M
	04/02/2015	2.2	1.9	NA	CH2M
	04/02/2015*	2.0	1.9	NA	CH2M
	07/07/2015	1.9	2.1	NA	CH2M
	10/20/2015	2.3	2.1	NA	Arcadis
	01/08/2016	1.9	1.9	NA	Arcadis
	04/11/2016	2.0	1.8	NA	Arcadis
	07/13/2016	2.0	2.0	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-73	10/06/2016	2.2	1.9	NA	Arcadis
	01/12/2017	2.1	1.8	NA	Arcadis
	04/07/2017	2.0	1.9	NA	Arcadis
	07/12/2017	1.6	2.0	NA	Arcadis
No. of Samples: 26					
22-74	04/27/2011	3.0	2.2	NA	CH2M
	07/07/2011	1.8	2.1	NA	CH2M
	10/03/2011	2.7	2.2	NA	CH2M
	01/10/2012	2.0	2.1	NA	CH2M
	01/10/2012*	2.0	2.1	NA	CH2M
	04/04/2012	2.0	2.1	NA	CH2M
	07/09/2012	1.9	2.1	NA	CH2M
	10/03/2012	2.2	2.1	NA	CH2M
	01/08/2013	2.1	2.1	NA	CH2M
	04/02/2013	1.7	2.0	NA	CH2M
	07/03/2013	1.7	2.0	NA	CH2M
	10/01/2013	1.9	2.0	NA	CH2M
	01/06/2014	1.8	1.8	NA	CH2M
	09/06/2017	1.7	1.8	NA	Arcadis
	10/05/2017	1.7	1.9	NA	Arcadis
	01/18/2018	1.9	1.9	NA	Arcadis
	04/05/2018	1.9	1.8	NA	Arcadis
	07/12/2018	1.8	1.8	NA	Arcadis
	10/11/2018	1.6	1.7	NA	Arcadis
	02/14/2019	1.4	1.6	NA	Arcadis
	02/14/2019*	1.5	1.6	NA	Arcadis
	04/04/2019	1.8	1.9	NA	Arcadis
	07/11/2019	1.7	1.9	NA	Arcadis
No. of Samples: 23					
22-75	04/27/2011	1.9	1.8	NA	CH2M
	04/27/2011*	1.9	1.8	NA	CH2M
	07/06/2011	2.1	1.8	NA	CH2M
	10/04/2011	2.2	1.8	NA	CH2M
	01/09/2012	1.6	1.8	NA	CH2M
	04/04/2012	1.7	1.8	NA	CH2M
	07/09/2012	1.4	1.7	NA	CH2M
	10/03/2012	1.6	1.7	NA	CH2M
	01/09/2013	1.7	1.8	NA	CH2M
	04/08/2013	1.7	1.7	NA	CH2M
	07/03/2013	1.5	1.7	NA	CH2M
	10/01/2013	1.8	1.8	NA	CH2M
	01/13/2014	1.6	1.6	NA	CH2M
	04/04/2014	1.7	1.7	NA	CH2M
	07/16/2014	1.6	1.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-75	07/16/2014*	1.8	1.8	NA	CH2M
	01/12/2015	1.7	1.8	NA	CH2M
	04/13/2015	1.8	1.8	NA	CH2M
	07/13/2015	1.7	2.0	NA	CH2M
	10/12/2015	1.7	1.9	NA	Arcadis
	01/07/2016	1.9	1.9	NA	Arcadis
	04/04/2016	1.8	1.9	NA	Arcadis
	07/11/2016	2.0	2.1	NA	Arcadis
	10/11/2016	2.0	2.0	NA	Arcadis
	01/18/2017	2.0	1.9	NA	Arcadis
	04/13/2017	2.0	2.1	NA	Arcadis
	07/13/2017	1.9	2.2	NA	Arcadis
	10/09/2017	2.0	2.2	NA	Arcadis
	01/22/2018	2.1	2.1	NA	Arcadis
	04/09/2018	2.0	2.2	NA	Arcadis
	07/13/2018	2.1	2.2	NA	Arcadis
	10/15/2018	2.1	2.1	NA	Arcadis
	02/15/2019	1.8	1.9	NA	Arcadis
	04/04/2019	1.9	2.1	NA	Arcadis
	07/11/2019	2.1	2.1	NA	Arcadis
	10/10/2019	1.6	2.0	NA	Arcadis
	01/17/2020	1.9	2.0	NA	Arcadis
	04/10/2020	1.9	1.9	NA	Arcadis
	07/10/2020	2.2	2.0	NA	Arcadis
	10/08/2020	2.3	2.1	NA	Arcadis
	10/08/2020*	2.3	2.0	NA	Arcadis
	01/15/2021	2.0	1.8	NA	Arcadis
	04/08/2021	2.1	2.1	NA	Arcadis
No. of Samples:		43			
22-76	06/17/2013	ND (1.0)	0.51	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013*	ND (1.0)	0.094	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	1.4	1.4	NA	CH2M
No. of Samples:		5			
22-77	06/23/2011	1.7	1.6	NA	CH2M
	12/02/2011	1.8	1.6	NA	CH2M
	01/13/2012	1.4	1.4	NA	CH2M
	04/02/2012	1.3	1.5	NA	CH2M
	07/10/2012	1.3	1.5	NA	CH2M
	10/01/2012	1.6	1.5	NA	CH2M
	01/07/2013	1.4	1.5	NA	CH2M
No. of Samples:		7			
22-78	11/03/2011	ND (1.0)	0.12	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-78	01/20/2012	ND (1.0)	0.21	NA	CH2M
	04/11/2012	ND (1.0)	0.45	NA	CH2M
	04/03/2013	ND (1.0)	0.14	NA	CH2M
	04/02/2014	ND (1.0)	0.54	NA	CH2M
	04/02/2014*	1.1	0.47	NA	CH2M
No. of Samples:		6			
22-79	11/09/2011	1.4	0.9	NA	CH2M
	01/14/2013	1.3	1.3	NA	CH2M
	04/01/2013	ND (1.0)	0.55	NA	CH2M
	01/10/2014	1.3	1.2	NA	CH2M
No. of Samples:		4			
22-80	12/16/2011	1.9	1.7	NA	CH2M
	01/24/2012	2.0	1.9	NA	CH2M
	04/02/2012	ND (1.0)	0.1	NA	CH2M
	07/10/2012	2.0	2.1	NA	CH2M
	10/03/2012	2.1	1.9	NA	CH2M
	01/08/2013	1.3	0.98	NA	CH2M
	01/08/2013*	1.3	0.94	NA	CH2M
	04/03/2013	1.7	1.8	NA	CH2M
	08/27/2013	ND (1.0)	ND (0.15)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	01/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/05/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	10/20/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/08/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/12/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/12/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/11/2017	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:		27			
22-81	10/06/2011	1.6	1.6	NA	CH2M
	01/05/2012	1.1	0.97	NA	CH2M
	04/11/2012	1.4	1.4	NA	CH2M
	07/11/2012	1.5	1.7	NA	CH2M
	10/03/2012	1.7	1.6	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-81	01/15/2013	1.1	1.1	NA	CH2M
	04/01/2013	1.4	1.5	NA	CH2M
	07/08/2013	1.6	1.8	NA	CH2M
	10/01/2013	1.4	1.4	NA	CH2M
	01/07/2014	ND (1.0)	0.77	NA	CH2M
	04/02/2014	1.3	1.4	NA	CH2M
	07/14/2014	1.4	1.3	NA	CH2M
	10/07/2014	1.4	1.5	NA	CH2M
	01/12/2015	1.1	1.1	NA	CH2M
	04/06/2015	1.7	1.6	NA	CH2M
	07/14/2015	ND (1.0)	1.2	NA	CH2M
	10/12/2015	1.4	1.4	NA	Arcadis
	04/08/2016	ND (1.0)	0.83	NA	Arcadis
	07/12/2016	1.3	1.4	NA	Arcadis
	11/01/2016	ND (1.0)	0.65	NA	Arcadis
	01/12/2017	ND (1.0)	0.46	NA	Arcadis
	04/06/2017	ND (1.0)	0.86	NA	Arcadis
	07/13/2017	ND (1.0)	0.64	NA	Arcadis
	10/05/2017	ND (1.0)	0.49	NA	Arcadis
No. of Samples: 24					
22-82	11/10/2011	ND (1.0)	0.24	NA	CH2M
	01/23/2012	ND (1.0)	0.1	NA	CH2M
	04/11/2012	ND (1.0)	0.18	NA	CH2M
	07/19/2012	ND (1.0)	0.52	NA	CH2M
	10/18/2012	ND (1.0)	0.1	NA	CH2M
	01/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	0.35	NA	CH2M
	04/01/2013*	ND (1.0)	0.33	NA	CH2M
	07/03/2013	ND (1.0)	0.56	NA	CH2M
	10/01/2013	ND (1.0)	0.64	NA	CH2M
	01/07/2014	ND (1.0)	0.091	NA	CH2M
	04/02/2014	ND (1.0)	0.12	NA	CH2M
	07/14/2014	ND (1.0)	0.51	NA	CH2M
	10/10/2014	ND (1.0)	0.074	NA	CH2M
	01/13/2015	ND (1.0)	0.13	NA	CH2M
	04/08/2015	ND (1.0)	0.4	NA	CH2M
	07/14/2015	ND (1.0)	0.45	NA	CH2M
	10/12/2015	1.1	1.1	NA	Arcadis
	01/07/2016	1.1	1.1	NA	Arcadis
	04/07/2016	1.0	0.97	NA	Arcadis
	07/12/2016	1.1	0.94	NA	Arcadis
	10/06/2016	1.2	0.92	NA	Arcadis
	01/12/2017	1.2	0.96	NA	Arcadis
	04/06/2017	1.1	1.0	NA	Arcadis
	07/13/2017	1.2	1.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-82	10/05/2017	1.1	1.1	NA	Arcadis
	01/18/2018	ND (1.0)	0.3	NA	Arcadis
	04/05/2018	1.2	0.93	NA	Arcadis
	07/12/2018	1.2	1.1	NA	Arcadis
	10/11/2018	ND (1.0)	0.79	NA	Arcadis
	02/14/2019	ND (1.0)	0.71	NA	Arcadis
	04/04/2019	ND (1.0)	0.71	NA	Arcadis
	07/11/2019	1.2	1.2	NA	Arcadis
	10/10/2019	ND (1.0)	0.87	NA	Arcadis
	01/16/2020	1.2	1.3	NA	Arcadis
	04/09/2020	ND (1.0)	0.87	NA	Arcadis
	07/09/2020	1.3	1.2	NA	Arcadis
	10/08/2020	1.3	1.2	NA	Arcadis
	01/14/2021	1.1	0.95	NA	Arcadis
	01/14/2021*	1.2	0.95	NA	Arcadis
	04/08/2021	1.1	0.9	NA	Arcadis
No. of Samples:		41			
22-84	06/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		2			
22-86	01/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/19/2012	ND (1.0)	0.48	NA	CH2M
	10/09/2012	ND (1.0)	0.55	NA	CH2M
	02/05/2013	ND (1.0)	0.47	NA	CH2M
	04/01/2013	ND (1.0)	0.49	NA	CH2M
No. of Samples:		5			
22-87	12/14/2011	1.1	1.3	NA	CH2M
	01/23/2012	ND (1.0)	0.23	NA	CH2M
	05/15/2012	ND (1.0)	1.2	NA	CH2M
	07/18/2012	ND (1.0)	0.55	NA	CH2M
	10/12/2012	ND (1.0)	0.23	NA	CH2M
	01/11/2013	ND (1.0)	0.49	NA	CH2M
No. of Samples:		6			
22-88	04/03/2014	1.3	0.99	NA	CH2M
No. of Samples:		1			
22-89	10/01/2012	ND (1.0)	0.42	NA	CH2M
	01/07/2013	ND (1.0)	0.12	NA	CH2M
No. of Samples:		2			
22-90	11/30/2011	1.5	1.2	NA	CH2M
	01/12/2012	ND (1.0)	1.2	NA	CH2M
	05/16/2012	1.0	1.3	NA	CH2M
No. of Samples:		3			
22-91	11/30/2011	ND (1.0)	0.52	NA	CH2M
	01/05/2012	ND (1.0)	0.16	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-91	04/25/2012	ND (1.0)	0.33	NA	CH2M
	07/12/2012	ND (1.0)	0.62	NA	CH2M
	10/09/2012	ND (1.0)	0.79	NA	CH2M
	01/11/2013	ND (1.0)	0.52	NA	CH2M
	01/11/2013*	ND (1.0)	0.53	NA	CH2M
	04/01/2013	ND (1.0)	0.61	NA	CH2M
	07/02/2013	ND (1.0)	0.91	NA	CH2M
No. of Samples: 9					
22-93	11/28/2011	2.7	2.6	NA	CH2M
	01/05/2012	2.4	2.5	NA	CH2M
	04/16/2012	2.4	2.5	NA	CH2M
	07/10/2012	2.3	2.5	NA	CH2M
	10/03/2012	2.6	2.6	NA	CH2M
	10/03/2012*	2.6	2.5	NA	CH2M
	01/08/2013	2.3	2.6	NA	CH2M
	08/27/2013	ND (1.0)	0.33	NA	CH2M
	10/01/2013	3.1	2.4	NA	CH2M
	01/06/2014	ND (1.0)	0.13	NA	CH2M
	04/03/2014	2.0	1.8	NA	CH2M
	07/01/2014	2.6	2.4	NA	CH2M
	10/06/2014	3.5	3.5	NA	CH2M
	01/05/2015	3.7	3.3	NA	CH2M
	04/02/2015	3.6	3.3	NA	CH2M
	07/07/2015	2.9	3.1	NA	CH2M
	10/20/2015	3.2	3.3	NA	Arcadis
	01/08/2016	3.4	3.2	NA	Arcadis
	04/07/2016	3.1	2.9	NA	Arcadis
	07/08/2016	3.2	3.1	NA	Arcadis
	10/10/2016	3.0	2.6	NA	Arcadis
	01/12/2017	3.5	2.8	NA	Arcadis
	04/10/2017	2.9	2.6	NA	Arcadis
	07/12/2017	2.0	2.7	NA	Arcadis
No. of Samples: 24					
22-97	11/22/2011	1.6	1.4	NA	CH2M
	01/06/2012	1.0	1.1	NA	CH2M
	01/06/2012*	ND (1.0)	1.1	NA	CH2M
	04/16/2012	ND (1.0)	0.81	NA	CH2M
	07/13/2012	ND (1.0)	0.42	NA	CH2M
	10/05/2012	1.0	1.0	NA	CH2M
No. of Samples: 6					
22-98	10/06/2011	ND (1.0)	0.58	NA	CH2M
	03/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.06)	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
<i>No. of Samples:</i> 4					
22-99	11/09/2011	ND (1.0)	0.18	NA	CH2M
	01/10/2012	ND (1.0)	0.21	NA	CH2M
	04/11/2012	ND (1.0)	0.24	NA	CH2M
	04/11/2012*	ND (1.0)	0.23	NA	CH2M
<i>No. of Samples:</i> 4					
23-02	05/21/2002	2.4	1.2	NA	CH2M
	08/15/2002	2.4	1.0	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	2.8	1.1	NA	CH2M
	06/26/2003	1.4	1.2	NA	CH2M
	08/12/2003	2.3	ND (0.2)	NA	CH2M
	02/17/2004	3.1	ND (0.2)	NA	CH2M
	08/25/2004	1.7	ND (0.2)	NA	CH2M
	12/09/2004	2.92	2.23	NA	CH2M
	02/10/2005	1.82	ND (0.2)	NA	CH2M
	10/13/2005	1.34	ND (0.2)	NA	CH2M
	10/20/2006	1.96	2.36	NA	CH2M
	04/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/21/2007	1.75	1.84	NA	CH2M
	10/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	11/13/2007	3.47	3.62	NA	CH2M
	12/03/2007	2.06	2.25	NA	CH2M
	02/22/2008	1.52	ND (0.2)	NA	CH2M
	06/11/2008	1.91	ND (0.2)	NA	CH2M
<i>No. of Samples:</i> 20					
23-07	03/28/2003	2.4	1.0	NA	CH2M
	11/14/2006	1.68	1.06 J	NA	CH2M
	01/07/2011	2.2	2.5	NA	CH2M
	01/07/2011*	2.6	2.6	NA	CH2M
	03/07/2011	1.5	1.3	NA	CH2M
	04/26/2011	2.1	1.9	NA	CH2M
	07/13/2011	1.9	1.8	NA	CH2M
	10/05/2011	2.6	2.4	NA	CH2M
	10/27/2011	2.6	2.4	NA	CH2M
	01/12/2012	1.2	1.5	NA	CH2M
	04/13/2012	1.7	2.0	NA	CH2M
	07/13/2012	1.6	1.9	NA	CH2M
	10/16/2012	1.9	1.0	NA	CH2M
	03/12/2013	2.3	1.9	NA	CH2M
	01/24/2014	1.8	1.6	NA	CH2M
	04/04/2014	3.0	2.1	NA	CH2M
	07/11/2014	2.4	2.0	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-07	10/09/2014	2.5	2.0	NA	CH2M
No. of Samples: 18					
23-09	03/28/2003	3.1	1.0	NA	CH2M
	06/26/2003	1.0	ND (0.2)	NA	CH2M
	08/12/2003	2.0	ND (0.2)	NA	CH2M
	02/17/2004	3.7	ND (0.2)	NA	CH2M
	12/12/2006	ND (1.0)	0.449	NA	CH2M
	02/23/2007	1.17	0.341	NA	CH2M
	08/11/2009	2.0	1.75	NA	CH2M
	11/24/2009	1.75	1.8	NA	CH2M
	02/12/2010	1.62	1.52	NA	CH2M
No. of Samples: 9					
23-10	05/21/2002	3.8	2.3	NA	CH2M
	08/15/2002	3.0	0.86	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	1.5	ND (0.2)	NA	CH2M
	08/12/2003	1.6	ND (0.2)	NA	CH2M
	02/17/2004	1.8	ND (0.2)	NA	CH2M
	08/25/2005	1.12	1.1	NA	CH2M
No. of Samples: 7					
23-11	05/21/2002	3.5	2.3	NA	CH2M
	08/15/2002	4.1	3.3	NA	CH2M
	11/14/2002	4.0	3.5	NA	CH2M
	02/21/2003	3.1	1.5	NA	CH2M
	08/12/2003	5.1	2.6	NA	CH2M
	02/17/2004	4.5	2.5	NA	CH2M
	08/25/2004	3.89	1.64	NA	CH2M
	08/25/2005	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 8					
23-13	03/28/2003	2.5	ND (0.2)	NA	CH2M
	01/19/2010	ND (1.0)	1.01	NA	CH2M
	01/19/2010*	ND (1.0)	0.97	NA	CH2M
	08/02/2010	ND (1.0)	0.32	NA	CH2M
	10/28/2010	1.2	0.66	NA	CH2M
	02/10/2011	1.8	1.5	NA	CH2M
	04/05/2011	1.3	0.75	NA	CH2M
No. of Samples: 7					
23-14	08/08/2001	6.0	ND (1.0)	NA	CH2M
	03/28/2003	4.8	1.3	NA	CH2M
	01/19/2010	1.62	ND (1.05)	NA	CH2M
	08/02/2010	1.5	1.1	NA	CH2M
No. of Samples: 4					
23-15	06/26/2003	1.1	3.7	NA	CH2M
	08/12/2003	4.6	3.6	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-15	10/28/2003	4.2	3.4	NA	CH2M
	12/03/2003	6.3	4.0	NA	CH2M
	02/17/2004	7.2	4.7	NA	CH2M
	04/26/2004	4.1	4.3	NA	CH2M
	06/16/2004	4.2	5.0	NA	CH2M
	08/25/2004	6.71	4.91	NA	CH2M
	10/13/2004	ND (1.0)	0.505	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	06/08/2005	2.73	1.61	NA	CH2M
	08/25/2005	ND (1.0)	0.404	NA	CH2M
	12/06/2005	3.12	ND (0.2)	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/19/2006	5.49	2.58	NA	CH2M
	06/13/2006	5.13	3.22	NA	CH2M
	08/11/2006	2.93	2.95	NA	CH2M
	10/18/2006	3.46	3.86	NA	CH2M
	12/05/2006	4.29	2.57	NA	CH2M
	02/15/2007	1.7	1.7	NA	CH2M
	02/15/2007*	2.14	1.61	NA	CH2M
	04/10/2007	3.5	3.11	NA	CH2M
	06/21/2007	3.36	3.62	NA	CH2M
	08/15/2007	2.86	3.31	NA	CH2M
	08/15/2007*	3.1	3.28	NA	CH2M
	10/18/2007	3.75	4.04	NA	CH2M
	12/07/2007	2.76	2.55	NA	CH2M
	12/07/2007*	3.05	2.57	NA	CH2M
	02/22/2008	2.8	2.86	NA	CH2M
	04/11/2008	3.55	3.27	NA	CH2M
	06/11/2008	3.7	3.97	NA	CH2M
	08/07/2008	3.91	3.79	NA	CH2M
	11/06/2008	3.73	4.5	NA	CH2M
	02/12/2009	2.7	2.87	NA	CH2M
	05/14/2009	3.76	3.93	NA	CH2M
	08/06/2009	4.24	4.0	NA	CH2M
	11/24/2009	4.03	4.23	NA	CH2M
	02/12/2010	2.69	2.33	NA	CH2M
	05/12/2010	3.0	3.5	NA	CH2M
	08/04/2010	4.0	3.2	NA	CH2M
	11/02/2010	3.8	3.6	NA	CH2M
No. of Samples:		41			
23-16	04/29/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2005	1.38	ND (0.2)	NA	CH2M
	08/25/2005	ND (1.0)	ND (0.2)	NA	CH2M
	08/25/2005*	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2006	ND (1.0)	ND (0.2)	NA	CH2M

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-16	02/20/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/24/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	06/21/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 23					
23-17	06/16/2004	2.9	1.6	NA	CH2M
	01/16/2006	1.2	ND (1.0)	NA	CH2M
No. of Samples: 2					
23-18	06/16/2004	2.8	1.4	NA	CH2M
	02/17/2010	1.22	1.02	NA	CH2M
No. of Samples: 2					
23-19	08/25/2004	2.91	0.878	NA	CH2M
	02/10/2005	1.53	ND (0.2)	NA	CH2M
	08/25/2005	1.91	1.18	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2006	2.03	1.9	NA	CH2M
	02/15/2007	1.69	1.42	NA	CH2M
	08/15/2007	1.86	1.84	NA	CH2M
	02/15/2008	2.41	1.78	NA	CH2M
	08/07/2008	3.18	3.13	NA	CH2M
	05/14/2009	3.55	3.49	NA	CH2M
	08/06/2009	3.46	3.28	NA	CH2M
	08/06/2009*	3.14	3.26	NA	CH2M
	11/24/2009	3.0	3.06	NA	CH2M
	02/12/2010	ND (1.0)	0.28	NA	CH2M
	05/12/2010	3.0	3.4	NA	CH2M
	08/04/2010	3.3	2.3	NA	CH2M
	11/02/2010	3.2	3.0	NA	CH2M
No. of Samples: 17					
23-20	01/16/2006	ND (1.0)	ND (1.0)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-20	01/16/2006*	ND (1.0)	ND (1.0)	NA	CH2M
	08/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	03/07/2011	ND (1.0)	0.37	NA	CH2M
	04/06/2011	ND (1.0)	0.28	NA	CH2M
	07/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/05/2011	ND (1.0)	0.31	NA	CH2M
No. of Samples: 7					
23-22	12/07/2006	1.25	0.933	NA	CH2M
	08/10/2010	6.9	6.7	NA	CH2M
	09/08/2010	6.7	5.9	NA	CH2M
	02/25/2011	2.0	1.9	NA	CH2M
	04/05/2011	4.3	3.9	NA	CH2M
No. of Samples: 5					
23-24	01/19/2010	1.55	1.5	NA	CH2M
	08/02/2010	1.8	2.3	NA	CH2M
	10/27/2010	2.1	2.7	NA	CH2M
	02/09/2011	1.8	1.9	NA	CH2M
	04/05/2011	2.2	2.4	NA	CH2M
	07/13/2011	1.9	2.3	NA	CH2M
	10/05/2011	ND (1.0)	ND (1.0)	NA	CH2M
	11/07/2011	2.2	2.6	NA	CH2M
	01/09/2012	1.6	2.0	NA	CH2M
	04/20/2012	1.2	1.5	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.3)	NA	CH2M
	10/01/2012	1.4	1.0	NA	CH2M
	01/08/2013	1.5	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	0.38	NA	CH2M
	10/08/2013	1.0	0.39	NA	CH2M
	10/08/2013*	1.0	0.43	NA	CH2M
	04/07/2014	ND (1.0)	0.35	NA	CH2M
	07/07/2014	ND (1.0)	0.34	NA	CH2M
	10/07/2014	1.2	0.69	NA	CH2M
	01/19/2015	ND (1.0)	0.59	NA	CH2M
	04/06/2015	1.3	0.92	NA	CH2M
	04/06/2015*	1.4	0.93	NA	CH2M
No. of Samples: 22					
23-25	08/05/2009	1.04	0.3	NA	CH2M
	02/19/2010	1.93	1.43	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2010	1.4	0.77	NA	CH2M
	12/07/2010	ND (1.0)	0.41	NA	CH2M
	02/09/2011	1.7	1.3	NA	CH2M
	04/06/2011	1.0	0.84	NA	CH2M
	08/16/2011	1.0	0.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-25	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	1.6	1.2	NA	CH2M
	01/04/2012	1.6	1.4	NA	CH2M
	05/16/2012	2.3	2.1	NA	CH2M
	07/10/2012	2.5	2.2	NA	CH2M
	10/01/2012	2.8	2.1	NA	CH2M
	01/09/2013	2.1	1.3	NA	CH2M
	04/03/2014	2.4	1.5	NA	CH2M
	07/21/2014	2.9	2.7	NA	CH2M
No. of Samples:		18			
23-26	01/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	1.7	1.9	NA	CH2M
	10/28/2010	ND (1.0)	0.51	NA	CH2M
	02/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/05/2011	ND (1.0)	ND (1.0)	NA	CH2M
No. of Samples:		5			
23-27	08/20/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/15/2011	ND (1.0)	0.087	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/30/2012	ND (1.0)	0.2	NA	CH2M
	07/10/2012	ND (1.0)	0.069	NA	CH2M
No. of Samples:		9			
23-28	01/10/2011	2.4	1.8	NA	CH2M
	01/10/2011*	1.9	1.8	NA	CH2M
	04/06/2011	2.2	2.1	NA	CH2M
	08/16/2011	3.2 J	2.0	NA	CH2M
	10/31/2011	2.0	1.9	NA	CH2M
	01/16/2012	ND (1.0)	0.53	NA	CH2M
	04/30/2012	1.8	2.1	NA	CH2M
	08/09/2012	1.6	2.1	NA	CH2M
	08/09/2012*	1.6	2.1	NA	CH2M
	01/11/2013	1.0	1.3	NA	CH2M
	10/03/2013	1.8	2.0	NA	CH2M
	01/16/2014	1.4	1.4	NA	CH2M
	04/04/2014	2.0	2.1	NA	CH2M
	07/10/2014	1.7	1.8	NA	CH2M
	07/10/2014*	1.8	1.9	NA	CH2M
	07/08/2015	1.7	2.1	NA	CH2M
	10/16/2015	ND (1.0)	0.77	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 17					
23-29	02/02/2011	1.0	0.87	NA	CH2M
No. of Samples: 1					
23-30	02/17/2010	1.93	1.67	NA	CH2M
	08/04/2010	2.4	1.5	NA	CH2M
	10/28/2010	3.2	1.9	NA	CH2M
	02/07/2011	3.1	1.8	NA	CH2M
	04/08/2011	7.0 J	2.2	NA	CH2M
	04/08/2011*	6.5 J	2.3	NA	CH2M
	05/04/2011	3.5	2.0	NA	CH2M
	07/13/2011	5.5	1.8	NA	CH2M
	07/18/2013	3.1	2.4	NA	CH2M
	10/02/2013	2.4	2.6	NA	CH2M
	01/06/2014	3.1	2.8	NA	CH2M
	04/03/2014	2.6	2.8	NA	CH2M
	04/03/2014*	2.7	2.8	NA	CH2M
	07/07/2014	2.5	2.8	NA	CH2M
	10/06/2014	2.8	3.1	NA	CH2M
	01/16/2015	2.8	3.3	NA	CH2M
	05/06/2015	2.6	3.2	NA	CH2M
	07/09/2015	2.9	3.2	NA	CH2M
	10/14/2015	3.0	3.3	NA	Arcadis
	01/06/2016	3.5	3.4	NA	Arcadis
	04/04/2016	3.0	3.4	NA	Arcadis
	07/07/2016	2.9	3.3	NA	Arcadis
	10/03/2016	3.7	3.4	NA	Arcadis
	01/10/2017	3.1	2.8	NA	Arcadis
	07/10/2017	4.2	3.4	NA	Arcadis
	10/04/2017	3.8	3.2	NA	Arcadis
	07/10/2018	3.0	2.8	NA	Arcadis
	10/08/2018	2.9	3.0	NA	Arcadis
	01/16/2019	4.7	2.6	NA	Arcadis
	03/06/2019	3.0	3.2	NA	Arcadis
	04/02/2019	2.9	3.1	NA	Arcadis
	04/02/2019*	2.8	3.1	NA	Arcadis
	07/10/2019	3.1	3.4	NA	Arcadis
	07/10/2019*	3.0	3.4	NA	Arcadis
	10/08/2019	2.8	2.9	NA	Arcadis
	01/15/2020	3.3	3.1	NA	Arcadis
	04/07/2020	4.1	3.0	NA	Arcadis
	05/07/2020	3.0	3.2	NA	Arcadis
	07/06/2020	3.4	3.1	NA	Arcadis
	10/05/2020	3.3	3.3	NA	Arcadis
	01/12/2021	3.2	3.2	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-30	04/07/2021	3.2	3.2	NA	Arcadis
No. of Samples:	42				
23-31	02/17/2010	ND (1.0)	0.41	NA	CH2M
No. of Samples:	1				
23-32	03/05/2010	2.54	1.42	NA	CH2M
	08/06/2010	3.2	3.7	NA	CH2M
	10/28/2010	1.7	0.76	NA	CH2M
	02/07/2011	1.2	0.43	NA	CH2M
	04/05/2011	1.0	0.81	NA	CH2M
No. of Samples:	5				
23-35	01/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/10/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	10/05/2011	2.7	1.8	NA	CH2M
	01/09/2012	ND (1.0)	0.63	NA	CH2M
	04/24/2012	1.1	1.2	NA	CH2M
	07/10/2012	1.3	1.3	NA	CH2M
	10/01/2012	1.3	0.95	NA	CH2M
	01/11/2013	ND (1.0)	0.74	NA	CH2M
No. of Samples:	8				
23-36	01/10/2011	ND (1.0)	0.28	NA	CH2M
	01/10/2011*	ND (1.0)	0.29	NA	CH2M
	10/05/2011	2.9	2.2	NA	CH2M
	05/16/2012	1.7	1.8	NA	CH2M
	07/11/2012	1.4	1.5	NA	CH2M
No. of Samples:	5				
24-02	04/10/2007	2.4	2.58	NA	CH2M
	06/16/2010	3.0	3.4	NA	CH2M
	08/04/2010	3.1	3.5	NA	CH2M
	10/27/2010	2.9	2.9	NA	CH2M
	12/09/2010	3.6	2.5	NA	CH2M
	02/07/2011	3.0	2.6	NA	CH2M
	04/06/2011	3.7	3.0	NA	CH2M
	07/13/2011	2.5	2.9	NA	CH2M
	10/06/2011	3.0	3.2	NA	CH2M
No. of Samples:	9				
24-03	08/10/2010	2.6	2.7	NA	CH2M
	12/07/2010	2.7	2.5	NA	CH2M
	02/09/2011	2.6	2.6	NA	CH2M
	04/06/2011	2.9	2.8	NA	CH2M
	07/12/2011	2.4	2.7	NA	CH2M
	10/05/2011	2.9	2.7	NA	CH2M
	01/04/2012	2.7	2.6	NA	CH2M
	04/11/2012	2.3	2.5	NA	CH2M
	07/19/2012	2.6	2.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
24-03	10/01/2012	2.8	2.5	NA	CH2M
	01/09/2013	2.3	2.2	NA	CH2M
	04/04/2013	ND (1.0)	0.41	NA	CH2M
	01/09/2014	1.8	1.4	NA	CH2M
	01/09/2014*	1.8	1.3	NA	CH2M
	04/04/2014	1.7	1.4	NA	CH2M
No. of Samples:	15				
24-04	08/10/2010	ND (1.0)	0.49	NA	CH2M
	12/07/2010	ND (1.0)	0.3	NA	CH2M
	02/09/2011	ND (1.0)	0.29	NA	CH2M
	04/06/2011	1.5	1.0	NA	CH2M
	07/08/2011	2.1	1.9	NA	CH2M
	10/05/2011	1.4	1.2	NA	CH2M
	10/05/2011*	1.1	1.2	NA	CH2M
	01/03/2012	ND (1.0)	0.71	NA	CH2M
	04/02/2012	1.5	1.5	NA	CH2M
	07/10/2012	2.1	2.1	NA	CH2M
	10/01/2012	2.5	2.3	NA	CH2M
	01/08/2013	2.2	2.2	NA	CH2M
	04/04/2013	2.1	1.6	NA	CH2M
	07/01/2013	1.9	1.9	NA	CH2M
	10/08/2013	1.4	1.3	NA	CH2M
No. of Samples:	15				
24-06	10/19/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/20/2010	ND (1.0)	0.21	NA	CH2M
No. of Samples:	2				
24-07	02/14/2006	2.4	2.48	NA	CH2M
	08/10/2010	2.3	2.2	NA	CH2M
	01/24/2011	2.4	2.3	NA	CH2M
	04/06/2011	2.3	2.4	NA	CH2M
	07/08/2011	2.1	2.3	NA	CH2M
	10/05/2011	3.0	2.5	NA	CH2M
	01/04/2012	2.4	2.4	NA	CH2M
	01/04/2012*	2.4	2.4	NA	CH2M
	04/11/2012	2.3	2.5	NA	CH2M
	07/10/2012	2.2	2.4	NA	CH2M
	10/01/2012	2.6	2.5	NA	CH2M
	01/08/2013	1.9	2.2	NA	CH2M
	04/01/2013	1.9	2.5	NA	CH2M
	07/01/2013	2.4	2.5	NA	CH2M
	07/01/2013*	2.3	2.6	NA	CH2M
	10/02/2013	2.8	2.7	NA	CH2M
No. of Samples:	16				
24-08	04/10/2007	ND (1.0)	0.396	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
24-08	06/09/2010	2.5	2.5	NA	CH2M
	08/02/2010	2.5	2.9	NA	CH2M
	08/02/2010*	2.5	2.9	NA	CH2M
	10/27/2010	3.2	3.3	NA	CH2M
	02/07/2011	1.7	1.8	NA	CH2M
	04/06/2011	2.3	2.3	NA	CH2M
	08/16/2011	2.9	3.0	NA	CH2M
No. of Samples: 8					
24-09	06/16/2010	3.2	3.8	NA	CH2M
	08/04/2010	3.1	3.5	NA	CH2M
	12/06/2010	3.2	3.2	NA	CH2M
	01/26/2011	3.4	3.5	NA	CH2M
	04/05/2011	3.7	3.4	NA	CH2M
	07/08/2011	3.0	3.5	NA	CH2M
No. of Samples: 6					
24-10	06/09/2010	2.9	2.9	NA	CH2M
	10/27/2010	2.5	1.7	NA	CH2M
	02/09/2011	1.8	1.4	NA	CH2M
	04/06/2011	2.4	2.3	NA	CH2M
	07/08/2011	3.0	3.0	NA	CH2M
	07/08/2011*	2.9	3.0	NA	CH2M
	10/06/2011	3.3	3.0	NA	CH2M
	10/27/2011	3.3	3.5	NA	CH2M
	01/04/2012	4.8	2.6	NA	CH2M
	04/12/2012	2.2	2.2	NA	CH2M
	07/17/2012	2.8	2.6	NA	CH2M
	10/01/2012	3.0	2.7	NA	CH2M
No. of Samples: 12					
24-11	12/09/2010	ND (1.0)	0.69	NA	CH2M
	03/04/2011	ND (1.0)	0.79	NA	CH2M
	04/06/2011	ND (1.0)	0.31	NA	CH2M
	07/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	ND (1.0)	0.1	NA	CH2M
	01/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/12/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	0.067	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
24-11	10/02/2013*	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 17					
24-12	09/07/2011	5.7	5.8	NA	CH2M
	09/26/2011	7.2	6.4	NA	CH2M
	11/21/2011	5.3	5.3	NA	CH2M
	01/13/2012	3.3	3.2	NA	CH2M
	04/03/2012	3.8	4.4	NA	CH2M
	07/11/2012	4.7	5.1	NA	CH2M
	10/01/2012	4.5	4.3	NA	CH2M
	01/17/2013	2.2	2.2	NA	CH2M
No. of Samples: 8					
25-04	01/03/2011	2.0	2.1	NA	CH2M
	04/25/2011	1.8	1.4	NA	CH2M
	04/25/2011*	1.8	1.4	NA	CH2M
	08/17/2011	2.5	2.2	NA	CH2M
	10/06/2011	2.2	1.8	NA	CH2M
	01/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 6					
25-06	04/10/2007	2.06	1.82	NA	CH2M
	07/19/2012	2.1	2.3	NA	CH2M
No. of Samples: 2					
25-07	05/30/2006	3.39	0.982	NA	CH2M
	04/01/2010	1.96	2.25	NA	CH2M
	08/04/2010	3.5	3.0	NA	CH2M
	10/27/2010	3.4	3.6	NA	CH2M
	01/26/2011	2.8	2.5	NA	CH2M
	04/05/2011	3.0	3.2	NA	CH2M
No. of Samples: 6					
25-10	05/31/2006	2.44	1.26	NA	CH2M
	04/01/2010	2.6	2.94	NA	CH2M
	08/02/2010	4.2	4.6 J	NA	CH2M
	08/02/2010*	3.1	3.6 J	NA	CH2M
	10/27/2010	3.3	3.3	NA	CH2M
	01/24/2011	3.0	3.0	NA	CH2M
	04/06/2011	3.1	3.1	NA	CH2M
	07/08/2011	2.8	3.3	NA	CH2M
	11/07/2013	3.1	3.4	NA	CH2M
	11/07/2013*	3.1	3.4	NA	CH2M
	04/04/2014	3.3	3.2	NA	CH2M
No. of Samples: 11					
25-11	05/31/2006	4.6	3.19	NA	CH2M
	04/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/01/2010	ND (1.0)	0.51	NA	CH2M
	08/10/2010	2.7	2.6	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
25-11	01/26/2011	1.2	0.7	NA	CH2M
	04/05/2011	2.8	2.3	NA	CH2M
No. of Samples: 6					
25-12	05/31/2006	5.79	3.11	NA	CH2M
	04/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	03/09/2011	ND (1.0)	0.53	NA	CH2M
	04/05/2011	1.4	1.6	NA	CH2M
No. of Samples: 4					
25-14	04/01/2010	ND (1.0)	1.17	NA	CH2M
	08/02/2010	ND (1.0)	0.22	NA	CH2M
	10/27/2010	1.5	1.7	NA	CH2M
	02/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	04/05/2011	ND (1.0)	0.25	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	ND (1.0)	1.1	NA	CH2M
	01/03/2012	1.3	1.3	NA	CH2M
	05/09/2012	ND (1.0)	0.37	NA	CH2M
	09/05/2012	1.5	1.6	NA	CH2M
	10/01/2012	ND (1.0)	1.0	NA	CH2M
	01/08/2013	ND (1.0)	0.092	NA	CH2M
	04/04/2013	ND (1.0)	0.83	NA	CH2M
	07/09/2013	ND (1.0)	0.25	NA	CH2M
	10/02/2013	1.4	1.4	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	0.13	NA	CH2M
	07/01/2014	1.0	0.39	NA	CH2M
	10/07/2014	ND (1.0)	0.51	NA	CH2M
	01/20/2015	ND (1.0)	0.97	NA	CH2M
	01/20/2015*	ND (1.0)	0.97	NA	CH2M
	04/08/2015	ND (1.0)	0.57	NA	CH2M
	07/09/2015	ND (1.0)	0.7	NA	CH2M
No. of Samples: 25					
25-16	12/09/2010	2.7	2.3	NA	CH2M
	03/04/2011	2.4	2.6	NA	CH2M
	05/05/2011	2.2	2.3	NA	CH2M
	10/24/2011	2.4	2.4	NA	CH2M
	01/27/2012	2.1	2.2	NA	CH2M
	05/09/2012	2.3	2.3	NA	CH2M
	07/17/2012	2.3	2.3	NA	CH2M
	10/05/2012	2.1	2.2	NA	CH2M
	07/16/2013	2.2	2.3	NA	CH2M
	06/02/2014	2.2	2.3	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
25-16	07/07/2014	2.5	2.2	NA	CH2M
	10/07/2014	2.7	2.5	NA	CH2M
	01/12/2015	2.3	2.6	NA	CH2M
	07/10/2015	2.4	2.5	NA	CH2M
	10/13/2015	2.7	2.5	NA	Arcadis
	01/05/2016	2.6	2.6	NA	Arcadis
	04/05/2016	2.7	2.4	NA	Arcadis
	10/04/2016	2.6	2.5	NA	Arcadis
	01/10/2017	2.6	2.3	NA	Arcadis
	10/03/2017	2.3	2.6	NA	Arcadis
	01/16/2018	2.5	2.5	NA	Arcadis
	04/03/2018	2.5	2.5	NA	Arcadis
	07/10/2018	2.6	2.4	NA	Arcadis
	10/09/2018	2.5	2.5	NA	Arcadis
	10/09/2018*	2.2	2.4	NA	Arcadis
	04/02/2019	2.5	2.5	NA	Arcadis
	07/09/2019	2.4	2.5	NA	Arcadis
	10/08/2019	2.3	2.4	NA	Arcadis
	01/14/2020	2.3	2.4	NA	Arcadis
	04/07/2020	2.4	2.4	NA	Arcadis
	07/08/2020	2.4	2.3	NA	Arcadis
	10/06/2020	2.6	2.4	NA	Arcadis
	01/12/2021	2.2	2.2	NA	Arcadis
	04/06/2021	2.3	2.3	NA	Arcadis
No. of Samples:		34			
25-17	11/04/2010	2.7	3.2	NA	CH2M
	02/03/2011	2.5	2.6	NA	CH2M
	04/06/2011	2.8	2.6	NA	CH2M
	07/08/2011	2.0	2.5	NA	CH2M
No. of Samples:		4			
25-18	05/16/2012	1.9	2.0	NA	CH2M
	10/19/2012	3.1	2.2	NA	CH2M
	04/10/2013	1.9	1.9	NA	CH2M
No. of Samples:		3			
25-19	07/12/2012	2.8	2.9	NA	CH2M
No. of Samples:		1			
26-01	02/15/2002	12.4	10.4	NA	CH2M
	03/27/2002	18.4	13.2	NA	CH2M
	04/24/2002	18.7	12	NA	CH2M
	05/22/2002	10	7.5	NA	CH2M
	06/26/2002	5.7	5.2 J	NA	CH2M
	07/23/2002	6.0	4.1	NA	CH2M
	08/20/2002	5.8	ND (0.2)	NA	CH2M
	09/24/2002	11.5	2.2	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-01	10/14/2002	9.1	4.1	NA	CH2M
	11/12/2002	8.6	7.0	NA	CH2M
	12/17/2002	9.6	7.2	NA	CH2M
	01/24/2003	9.2	6.5	NA	CH2M
	02/20/2003	11.3	6.2	NA	CH2M
No. of Samples: 13					
26-04	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	07/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	08/16/2001	1.7	0.55	ND (10)	ALISTO
	09/26/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	1.0 J	ND (0.2)	ND (10)	ALISTO
	11/20/2001	1.4 J	ND (0.2)	ND (10)	ALISTO
	12/05/2001	1.6 J	ND (0.2)	ND (10)	ALISTO
	02/15/2002	2.1	ND (0.2)	NA	CH2M
	03/28/2002	4.9	ND (0.2)	NA	CH2M
	04/24/2002	3.4	0.69	NA	CH2M
	05/22/2002	ND (1.0)	0.28	NA	CH2M
	06/25/2002	1.3	0.83	NA	CH2M
	07/24/2002	5.3	0.47	NA	CH2M
	08/14/2002	1.7	0.69	NA	CH2M
	09/25/2002	4.1	0.34	NA	CH2M
	10/16/2002	2.1	ND (0.2)	NA	CH2M
	11/13/2002	1.0	ND (0.2)	NA	CH2M
	12/18/2002	1.7	ND (0.2)	NA	CH2M
	01/22/2003	1.3	ND (0.2)	NA	CH2M
	02/21/2003	2.2	ND (0.2)	NA	CH2M
	04/18/2003	2.4	0.99	NA	CH2M
	06/07/2005	8.45	5.82	NA	CH2M
	08/23/2005	2.33	2.56	NA	CH2M
	10/12/2005	6.16	2.56	NA	CH2M
	12/05/2005	4.27	3.47	NA	CH2M
	12/05/2005*	4.98	3.58	NA	CH2M
	02/20/2006	10.2	9.22	NA	CH2M
	04/18/2006	11.7	8.67	NA	CH2M
	04/18/2006*	12	8.63	NA	CH2M
	06/14/2006	6.67	8.36	NA	CH2M
	06/14/2006*	6.84	8.22	NA	CH2M
	08/10/2006	7.66	8.92	NA	CH2M
	10/17/2006	5.96	5.96	NA	CH2M
	12/05/2006	6.43	7.22	NA	CH2M
	02/13/2007	3.37	3.5	NA	CH2M
	02/25/2011	13	11.3	NA	CH2M
No. of Samples: 36					
26-05	06/26/2003	1.2	0.97	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-05	08/12/2003	1.9	0.46	NA	CH2M
	10/28/2003	1.1	0.28	NA	CH2M
	12/03/2003	2.7	ND (0.2)	NA	CH2M
	02/17/2004	1.6	ND (0.2 J)	NA	CH2M
	04/26/2004	1.1	0.52	NA	CH2M
	06/16/2004	ND (1.0)	0.21	NA	CH2M
	08/24/2004	1.43	ND (0.2)	NA	CH2M
	10/12/2004	ND (1.0)	ND (0.2)	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2005	1.2	ND (0.2)	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	1.54	ND (0.2)	NA	CH2M
	08/23/2005	ND (1.0)	0.62	NA	CH2M
	10/12/2005	1.42	ND (0.2)	NA	CH2M
	12/05/2005	1.04	0.282	NA	CH2M
	02/15/2006	1.36	ND (0.2)	NA	CH2M
	04/20/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/13/2006	1.86	ND (0.2)	NA	CH2M
	08/17/2006	1.32	ND (0.2)	NA	CH2M
	08/17/2006*	ND (1.0)	0.488	NA	CH2M
	10/17/2006	ND (1.0)	0.248	NA	CH2M
	12/05/2006	1.5	0.909	NA	CH2M
	02/14/2007	ND (1.0)	0.447	NA	CH2M
	02/14/2007*	ND (1.0)	0.359	NA	CH2M
	04/11/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/18/2007	ND (1.0)	0.493	NA	CH2M
No. of Samples: 27					
26-07	03/09/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	11	11	10	ALISTO
	07/05/2001	16	ND (0.2)	ND (10)	ALISTO
	08/16/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/26/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	4.4 J	ND (0.2)	ND (10)	ALISTO
	11/19/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/22/2002	1.2	ND (0.2)	NA	CH2M
	04/24/2002	2.1	ND (0.2)	NA	CH2M
	05/21/2002	1.2	0.28	NA	CH2M
	06/25/2002	ND (1.0)	ND (0.2)	NA	CH2M
	06/26/2003	ND (1.0)	1.1	NA	CH2M
	08/12/2003	1.4	ND (0.2)	NA	CH2M
	10/28/2003	ND (1.0)	0.21	NA	CH2M
	12/03/2003	4.1	2.4	NA	CH2M
	02/17/2004	27.8	22.2	NA	CH2M
	04/26/2004	ND (1.0)	ND (0.2)	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-07	06/16/2004	ND (1.0)	ND (0.2)	NA	CH2M
	06/16/2004*	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2004	ND (1.0)	0.21	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	1.45	ND (0.2)	NA	CH2M
	08/23/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2005	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/20/2006	ND (1.0)	0.437	NA	CH2M
No. of Samples: 30					
26-10	03/09/2001	58	NA	63	ALISTO
	05/25/2001	44	4.1	57	ALISTO
	09/28/2001	58	NA	ND (10)	ALISTO
	12/06/2001	66	NA	60	ALISTO
	02/07/2002	29.4	NA	27	CH2M
	05/20/2002	19.1	NA	34	CH2M
No. of Samples: 6					
26-11	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/22/2001	6.4	8.2	ND (10)	ALISTO
	08/16/2001	5.0	1.1	ND (10)	ALISTO
	09/26/2001	7.2	ND (0.2)	ND (10)	ALISTO
	09/26/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	6.0	0.45 J	ND (10)	ALISTO
	11/19/2001	4.2 J	ND (0.2)	ND (10)	ALISTO
	12/04/2001	8.2	ND (0.2)	ND (10)	ALISTO
	12/04/2001*	5.4	1.4	ND (10)	ALISTO
	01/22/2002	5.2	ND (0.2)	NA	CH2M
	02/08/2002	6.2	2.8	NA	CH2M
	03/26/2002	7.0	0.85	NA	CH2M
	04/15/2002	6.4	2.1	NA	CH2M
	05/23/2002	2.2	ND (0.2)	NA	CH2M
	06/25/2002	2.4	0.75	NA	CH2M
	07/24/2002	7.8	0.81	NA	CH2M
	08/19/2002	2.0	ND (0.2)	NA	CH2M
	09/25/2002	10.3	0.57	NA	CH2M
	10/14/2002	5.5	1.2	NA	CH2M
	11/12/2002	1.2	ND (0.2)	NA	CH2M
	12/16/2002	2.8	0.37	NA	CH2M
	01/23/2003	4.5	2.7	NA	CH2M
	02/19/2003	10.2	3.3	NA	CH2M
	03/27/2003	6.9	1.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-11	04/16/2003	5.9	2.2	NA	CH2M
No. of Samples:	25				
26-15	03/09/2001	ND (20)	NA	ND (10)	ALISTO
	05/22/2001	3.5	3.8	ND (10)	ALISTO
	09/25/2001	2.9 J	ND (0.2)	ND (10)	ALISTO
	12/04/2001	1.8 J	ND (0.2)	ND (10)	ALISTO
	02/19/2003	5.9	ND (0.2)	NA	CH2M
No. of Samples:	5				
26-16	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/22/2001	5.8	2.6	ND (10)	ALISTO
	09/25/2001	6.5	ND (0.2)	ND (10)	ALISTO
	12/04/2001	8.4	ND (0.2)	ND (10)	ALISTO
	11/12/2002	1.7	0.28	NA	CH2M
	02/19/2003	6.2	ND (0.2)	NA	CH2M
	08/18/2003	1.6	ND (0.2)	NA	CH2M
	02/16/2004	3.7	ND (0.2)	NA	CH2M
	08/26/2004	3.14	ND (0.2)	NA	CH2M
	02/11/2005	2.3	ND (0.2)	NA	CH2M
	11/28/2005	8.4	ND (0.2)	NA	CH2M
	12/20/2005	6.06	4.33	NA	CH2M
	01/30/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/22/2006	3.3	1.06	NA	CH2M
	12/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/11/2006	6.07	6.22	NA	CH2M
	08/22/2007	15.3	15.8	NA	CH2M
	02/14/2008	16	15.8	NA	CH2M
	08/13/2008	15.6	14.6	NA	CH2M
No. of Samples:	19				
26-17	10/12/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2004*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
26-18	12/04/2007	2.52	2.49	NA	CH2M
No. of Samples:	1				
26-19	02/09/2005	5.97	4.02	NA	CH2M
	12/05/2005	4.72	3.48	NA	CH2M
	02/16/2006	7.13	4.68	NA	CH2M
	04/18/2006	8.58	4.04	NA	CH2M
	06/14/2006	4.31	5.3	NA	CH2M
	08/09/2006	4.68	5.27	NA	CH2M
	10/17/2006	4.2	3.63	NA	CH2M
	12/07/2006	2.12	1.72	NA	CH2M
	02/14/2007	3.94	3.86	NA	CH2M
	04/10/2007	4.91	4.03	NA	CH2M
	06/19/2007	2.03	1.88	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-19	08/16/2007	ND (1.0)	0.591	NA	CH2M
	08/16/2007*	ND (1.0)	0.594	NA	CH2M
	02/22/2008	1.33	ND (0.2)	NA	CH2M
No. of Samples:	14				
26-22	01/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/08/2006	1.59	0.37	NA	CH2M
No. of Samples:	2				
26-24	02/15/2002	6.0	4.8	NA	CH2M
	03/27/2002	10.5	5.3	NA	CH2M
	04/24/2002	8.1	4.0	NA	CH2M
	05/22/2002	5.8	5.2	NA	CH2M
	06/26/2002	7.8	7.9 J	NA	CH2M
	07/25/2002	8.4	8.1	NA	CH2M
	08/20/2002	12.3	7.5	NA	CH2M
	09/24/2002	16	11.9	NA	CH2M
	10/14/2002	15.6	11.9	NA	CH2M
	11/12/2002	15	13.1	NA	CH2M
	12/17/2002	15.5	13.1	NA	CH2M
No. of Samples:	11				
26-25	03/09/2001	63	NA	NA	ALISTO
	05/25/2001	2.5 J	ND (0.2)	ND (10)	ALISTO
	09/28/2001	2.7 J	ND (0.2)	ND (10)	ALISTO
	12/06/2001	3.1 J	ND (0.2)	ND (10)	ALISTO
	02/07/2002	ND (1.0)	NA	ND (10)	CH2M
	05/20/2002	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	6				
26-27	03/08/2001	19 J	NA	22	ALISTO
	05/22/2001	6.2	9.1	ND (10)	ALISTO
	09/25/2001	5.3	ND (0.2)	ND (10)	ALISTO
	12/04/2001	8.1	1.5	ND (10)	ALISTO
	02/08/2002	6.8	2.9	NA	CH2M
	05/23/2002	2.9	1.5	NA	CH2M
	08/19/2002	3.6	ND (0.2)	NA	CH2M
	11/12/2002	3.9	1.7	NA	CH2M
	02/19/2003	7.4	ND (0.2)	NA	CH2M
	08/20/2003	1.4	ND (0.2)	NA	CH2M
	02/23/2004	3.7	ND (0.2)	NA	CH2M
	08/26/2004	3.61	ND (0.2)	NA	CH2M
	02/10/2005	1.72	ND (0.2)	NA	CH2M
No. of Samples:	13				
26-28	03/08/2001	11 J	NA	10	ALISTO
	05/22/2001	9.4	13	ND (10)	ALISTO
	09/25/2001	11	6.5	ND (10)	ALISTO
	09/25/2001*	11	7.0	ND (10)	ALISTO

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-28	12/04/2001	10	2.8	ND (10)	ALISTO
	12/04/2001*	6.9	2.7	ND (10)	ALISTO
No. of Samples: 6					
26-29	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/22/2001	2.5 J	4.6	ND (10)	ALISTO
	09/25/2001	1.5 J	ND (0.2)	ND (10)	ALISTO
	12/04/2001	8.6	ND (0.2)	ND (10)	ALISTO
	08/19/2002	4.0	ND (0.2)	NA	CH2M
	08/20/2003	1.1	ND (0.2)	NA	CH2M
	02/16/2004	4.0	ND (0.2)	NA	CH2M
	08/26/2004	4.98	ND (0.2)	NA	CH2M
	02/10/2005	1.3	ND (0.2)	NA	CH2M
No. of Samples: 9					
26-31	02/15/2002	31	33	NA	CH2M
	03/27/2002	51.2	43.2	NA	CH2M
	04/24/2002	26.8	31.2	NA	CH2M
	04/24/2002*	32.1	30.3	NA	CH2M
	05/22/2002	121	107	NA	CH2M
	06/26/2002	ND (1.0)	0.35 J	NA	CH2M
	06/26/2002*	1.3	0.38 J	NA	CH2M
	07/23/2002	11.8	12.9	NA	CH2M
	08/20/2002	17	9.0	NA	CH2M
	09/24/2002	72.9	64.1	NA	CH2M
	10/14/2002	22.2	17.5	NA	CH2M
	10/14/2002*	21.9	16.7	NA	CH2M
	11/12/2002	24.6	25.4	NA	CH2M
	12/17/2002	295	112	NA	CH2M
	01/24/2003	41.3	33.1	NA	CH2M
	01/24/2003*	35.3	29.8	NA	CH2M
	02/20/2003	38.4	34.8	NA	CH2M
	02/20/2003*	36.5	34	NA	CH2M
No. of Samples: 18					
26-32	02/15/2002	13.9	6.1	NA	CH2M
	03/27/2002	30.5	18.4	NA	CH2M
	04/24/2002	18.2	16.9	NA	CH2M
	05/22/2002	15.6	14.9	NA	CH2M
	06/26/2002	1.4	0.66 J	NA	CH2M
	07/23/2002	39.1	37.2	NA	CH2M
	08/20/2002	23.8	16.8	NA	CH2M
	08/20/2002*	23.8	17.4	NA	CH2M
	09/24/2002	20.1	13.3	NA	CH2M
	10/14/2002	21.6	15.3	NA	CH2M
	11/12/2002	17	15.3	NA	CH2M
	11/12/2002*	16.7	15.1	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-32	12/17/2002	27.7	24.9	NA	CH2M
	01/24/2003	51.7	49.4	NA	CH2M
	02/20/2003	48.3	44.2	NA	CH2M
No. of Samples: 15					
26-33	05/24/2001	6.8	6.4	ND (10)	ALISTO
	08/16/2001	3.1	1.6	ND (10)	ALISTO
	09/27/2001	5.5	4.3	ND (10)	ALISTO
	10/25/2001	5.3	2.7	ND (10)	ALISTO
	11/19/2001	6.8	6.0	ND (10)	ALISTO
	12/13/2001	6.5	3.2	ND (10)	ALISTO
	01/24/2002	7.6	4.8	NA	CH2M
	02/15/2002	18.5	19.8	NA	CH2M
	03/27/2002	27.2	0.76	NA	CH2M
	03/27/2002*	30.1	1.0	NA	CH2M
	04/24/2002	22.5	21.5	NA	CH2M
	05/22/2002	10.3	3.1	NA	CH2M
	06/26/2002	6.5	5.2 J	NA	CH2M
	07/25/2002	15.2	13.2	NA	CH2M
	08/20/2002	22.1	15.8	NA	CH2M
	09/24/2002	12.3	4.7	NA	CH2M
	10/14/2002	17.8	11.6	NA	CH2M
	11/12/2002	19.2	17.2	NA	CH2M
	12/17/2002	3.5	1.5	NA	CH2M
	01/24/2003	3.4	0.36	NA	CH2M
	02/20/2003	4.3	1.6	NA	CH2M
	03/27/2003	6.4	2.7	NA	CH2M
	03/27/2003*	7.0	2.8	NA	CH2M
	04/17/2003	4.6	0.84	NA	CH2M
	06/25/2003	8.0	4.4	NA	CH2M
	06/25/2003*	11.7	5.4	NA	CH2M
	08/13/2003	5.6	3.9	NA	CH2M
	08/25/2003	24.2	24	NA	CH2M
	08/28/2003	24.1	21.4	NA	CH2M
	10/27/2003	14.8	12	NA	CH2M
	12/03/2003	20.5	16.9	NA	CH2M
	12/03/2003*	23.8	16.2	NA	CH2M
	02/20/2004	20.3	16.1	NA	CH2M
	04/28/2004	18.1 J	23.1 J	NA	CH2M
	04/28/2004*	17 J	25.8 J	NA	CH2M
	02/06/2013	15	15	NA	CH2M
	03/12/2013	17	17	NA	CH2M
	04/01/2013	12	14	NA	CH2M
No. of Samples: 38					
26-37	04/10/2008	3.39	3.56	NA	CH2M

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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-37	06/10/2008	3.94	4.04	NA	CH2M
	06/10/2008*	4.32	4.28	NA	CH2M
	08/06/2008	4.01	4.3	NA	CH2M
	11/06/2008	3.61	3.98	NA	CH2M
	02/10/2009	3.33	3.52	NA	CH2M
	05/13/2009	3.75	3.62	NA	CH2M
	08/04/2009	4.43	4.03	NA	CH2M
	08/04/2009*	4.11	4.03	NA	CH2M
	11/13/2009	3.58	3.67	NA	CH2M
	11/13/2009*	3.54	3.67	NA	CH2M
	02/16/2010	3.78	4.22	NA	CH2M
No. of Samples: 12					
26-44	05/25/2001	3.1	3.9	ND (10)	ALISTO
	08/16/2001	2.9	2.7	ND (10)	ALISTO
	09/27/2001	2.9 J	1.8 J	ND (10)	ALISTO
	10/24/2001	5.6	1.3	ND (10)	ALISTO
	11/19/2001	2.5 J	1.9 J	ND (10)	ALISTO
	12/05/2001	2.3 J	2.1 J	ND (10)	ALISTO
	01/24/2002	7.9	1.1	NA	CH2M
	01/24/2002*	3.9	0.95	NA	CH2M
	02/15/2002	3.8	2.7	NA	CH2M
	03/27/2002	4.3	1.8	NA	CH2M
	04/15/2002	3.2	1.1	NA	CH2M
	05/22/2002	2.1	0.3	NA	CH2M
	06/26/2002	3.6	3.3 J	NA	CH2M
	07/23/2002	2.1	2.1	NA	CH2M
	08/15/2002	5.1	3.7	NA	CH2M
	09/25/2002	5.3	3.6	NA	CH2M
	10/16/2002	5.1	3.0	NA	CH2M
	11/14/2002	3.0	2.5	NA	CH2M
	12/18/2002	4.1	3.1	NA	CH2M
	01/22/2003	1.4	0.68	NA	CH2M
	02/21/2003	2.3	0.9	NA	CH2M
	03/28/2003	2.8	0.96	NA	CH2M
	04/18/2003	1.3	0.43	NA	CH2M
	06/26/2003	1.1	0.48	NA	CH2M
	08/24/2004	2.3	1.78	NA	CH2M
	10/12/2004	2.72	2.59	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2005	2.84	1.68	NA	CH2M
	04/15/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/08/2005	2.2	0.748	NA	CH2M
	08/23/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2005	1.79	ND (0.2)	NA	CH2M
	12/08/2005	1.71	1.38	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-44	02/14/2006	1.29	0.521	NA	CH2M
	02/16/2006	1.47	1.23	NA	CH2M
	04/18/2006	3.43	0.885	NA	CH2M
	06/08/2006	1.39	0.242	NA	CH2M
	08/15/2006	ND (1.0)	0.584	NA	CH2M
	10/18/2006	1.62	1.83	NA	CH2M
	12/07/2006	ND (1.0)	0.592	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/13/2007	1.01	1.38	NA	CH2M
	06/19/2007	ND (1.0)	0.378	NA	CH2M
	08/22/2007	ND (1.0)	0.235	NA	CH2M
	10/18/2007	1.36	1.66	NA	CH2M
	12/05/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2008	ND (1.0)	0.229	NA	CH2M
	06/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	0.29	NA	CH2M
	11/06/2008*	ND (1.0)	0.28	NA	CH2M
	02/05/2009	1.9	2.07	NA	CH2M
	05/13/2009	ND (1.0)	0.71	NA	CH2M
	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/13/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 56					
26-49	05/31/2006	4.49	2.88	NA	CH2M
	05/31/2006*	3.29	2.91	NA	CH2M
	04/01/2010	1.96	2.29	NA	CH2M
	08/06/2010	2.4	2.8	NA	CH2M
	10/27/2010	3.2	3.5	NA	CH2M
	10/27/2010*	3.4	3.4	NA	CH2M
	01/24/2011	4.3	4.0	NA	CH2M
	01/24/2011*	4.6	4.0	NA	CH2M
	04/06/2011	4.4	4.2	NA	CH2M
	07/08/2011	4.0	4.6	NA	CH2M
No. of Samples: 10					
26-50	05/31/2006	5.44	3.73	NA	CH2M
	04/01/2010	4.32	4.67	NA	CH2M
	04/13/2010	3.72	3.71	NA	CH2M
	08/04/2010	3.3	3.7	NA	CH2M
	08/04/2010*	3.4	3.8	NA	CH2M
	01/26/2011	4.1	4.1	NA	CH2M
	04/06/2011	2.6	2.4	NA	CH2M
No. of Samples: 7					
26-54	10/12/2004	1.34	ND (0.2)	NA	CH2M

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 1					
26-55	09/25/2002	4.9	0.39	NA	CH2M
	09/25/2002*	6.1	0.33	NA	CH2M
No. of Samples: 2					
26-63	04/24/2002	3.4	ND (0.2)	NA	CH2M
	05/22/2002	1.3	ND (0.2)	NA	CH2M
	05/22/2002*	ND (1.0)	ND (0.2)	NA	CH2M
	06/26/2002	ND (1.0)	ND (0.2)	NA	CH2M
	07/25/2002	1.8	ND (0.2)	NA	CH2M
	08/20/2002	2.4	ND (0.2)	NA	CH2M
	09/24/2002	3.9	ND (0.2)	NA	CH2M
	10/14/2002	2.0	ND (0.2)	NA	CH2M
	11/12/2002	1.1	ND (0.2)	NA	CH2M
	03/27/2003	3.1	ND (0.2)	NA	CH2M
	04/17/2003	3.0	ND (0.2)	NA	CH2M
	08/13/2003	1.4	0.2	NA	CH2M
No. of Samples: 12					
26-65	07/17/2003	4.0	ND (0.2)	NA	CH2M
	07/22/2003	5.0	ND (0.2)	NA	CH2M
	02/11/2005	1.07	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008*	ND (1.0)	ND (0.2)	NA	CH2M
	04/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2009*	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2009*	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010	ND (1.0)	ND (0.2)	NA	CH2M
	09/30/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/29/2010	ND (1.0)	ND (0.2)	NA	CH2M
	12/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	03/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	03/16/2011	ND (1.1)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-65	04/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/18/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	ND (1.0)	0.11	NA	CH2M
	01/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/28/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	06/14/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	08/06/2012	ND (1.0)	0.11	NA	CH2M
	09/05/2012	ND (1.0)	0.076	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	11/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	12/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	02/21/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	05/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	06/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	08/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	09/11/2013	ND (1.0)	0.26	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	12/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	02/05/2014	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	05/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	0.09	NA	CH2M
	05/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-65	04/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/03/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2018	ND (1.0)	ND (0.12)	NA	Arcadis
	04/03/2018	ND (1.0)	ND (0.12)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/09/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/09/2020*	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2020	ND (1.0)	ND (0.06)	NA	Arcadis
<i>No. of Samples:</i> 91					
26-66	10/15/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/14/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	1.39	ND (0.2)	NA	CH2M
	08/23/2005	2.2	ND (0.2)	NA	CH2M
	02/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/18/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010	ND (1.0)	ND (0.2)	NA	CH2M
	09/30/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/29/2010	1.5	ND (0.2)	NA	CH2M
	12/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/12/2011	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-66	03/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	03/03/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	03/16/2011	ND (1.1)	ND (0.2)	NA	CH2M
	04/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011	1.4	ND (0.2)	NA	CH2M
	06/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/18/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	ND (1.0)	0.071	NA	CH2M
	01/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/28/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	06/14/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	08/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	09/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	11/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	12/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	02/20/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	05/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	06/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	08/01/2013	ND (1.0)	0.2	NA	CH2M
	09/11/2013	ND (1.0)	0.33	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	0.34	NA	CH2M
	12/10/2013	ND (1.0)	0.21	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	02/05/2014	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	05/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	0.57	NA	Arcadis
	01/06/2016	ND (1.0)	0.3	NA	Arcadis
	04/05/2016	ND (1.0)	0.49	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-66	07/06/2016	ND (1.0)	0.37	NA	Arcadis
	10/03/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/11/2017	ND (1.0)	ND (0.15)	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2018	ND (1.0)	0.26	NA	Arcadis
	04/03/2018	ND (1.0)	0.11	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	0.3	NA	Arcadis
	01/16/2019	ND (1.0)	0.38	NA	Arcadis
	04/02/2019	ND (1.0)	0.068	NA	Arcadis
	07/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/09/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2020	1.2	0.21	NA	Arcadis
No. of Samples: 87					
27-02	02/02/2006	ND (1.0)	ND (1.0)	NA	CH2M
	08/14/2007	1.18	1.18	NA	CH2M
	11/03/2009	1.59	1.56	NA	CH2M
	01/05/2011	1.7	1.9	NA	CH2M
	07/07/2011	2.2	1.8	NA	CH2M
	10/06/2011	2.0	2.0	NA	CH2M
	01/09/2012	1.7	1.6	NA	CH2M
No. of Samples: 7					
27-03	08/24/2004	2.34	1.4	NA	CH2M
	05/31/2006	2.95	2.22	NA	CH2M
	07/27/2006	2.38	2.17	NA	CH2M
	06/19/2007	2.11	2.29	NA	CH2M
	08/15/2007	2.14	2.24	NA	CH2M
	08/15/2007*	2.37	2.23	NA	CH2M
	10/18/2007	2.06	2.31	NA	CH2M
	12/04/2007	2.17	2.3	NA	CH2M
	02/12/2008	2.44	2.3	NA	CH2M
	04/08/2008	2.2	2.25	NA	CH2M
	04/08/2008*	2.18	2.22	NA	CH2M
	06/10/2008	2.14	2.17	NA	CH2M
	08/05/2008	1.98	2.1	NA	CH2M
	08/05/2008*	1.95	2.16	NA	CH2M
	11/06/2008	1.87	2.23	NA	CH2M
	02/09/2009	1.9	2.16	NA	CH2M
	02/09/2009*	2.05	2.17	NA	CH2M
	05/13/2009	2.15	2.16	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-03	08/10/2009	2.35	2.39	NA	CH2M
	11/12/2009	2.04	1.67	NA	CH2M
	02/16/2010	2.86	2.31	NA	CH2M
	05/12/2010	1.5	2.0 J	NA	CH2M
	08/04/2010	2.0	1.6	NA	CH2M
	11/01/2010	2.4	2.2	NA	CH2M
	11/01/2010*	2.3	2.1	NA	CH2M
	01/24/2011	2.0	2.3	NA	CH2M
	01/24/2011*	2.3	2.1	NA	CH2M
	04/05/2011	2.3	2.2	NA	CH2M
	07/07/2011	2.0	2.2	NA	CH2M
	10/07/2011	2.3	2.2	NA	CH2M
	10/07/2011*	2.4	2.2	NA	CH2M
	01/05/2012	1.9	2.0	NA	CH2M
	04/11/2012	1.7	2.0	NA	CH2M
	07/12/2012	1.9	1.8	NA	CH2M
	10/08/2012	1.9	2.1	NA	CH2M
	01/08/2013	2.0	2.0	NA	CH2M
	04/04/2013	2.2	2.0	NA	CH2M
	07/08/2013	1.8	2.0	NA	CH2M
	10/17/2013	ND (1.0)	0.15	NA	CH2M
	11/06/2013	1.6	1.6	NA	CH2M
	12/04/2013	1.8	1.8	NA	CH2M
	12/05/2013	1.6	1.8	NA	CH2M
	12/06/2013	1.6	1.9	NA	CH2M
	12/10/2013	1.7	1.9	NA	CH2M
	12/11/2013	1.9	1.9	NA	CH2M
	12/12/2013	1.8	2.0	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 47					
27-04	07/05/2001	3.4	ND (0.2)	ND (10)	ALISTO
	08/16/2001	1.3	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/25/2001	1.5 J	ND (0.2)	ND (10)	ALISTO
	11/19/2001	2.0 J	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/24/2002	2.2	ND (0.2)	NA	CH2M
	02/13/2002	2.3	ND (0.2)	NA	CH2M
	03/26/2002	1.3	ND (0.2)	NA	CH2M
	04/15/2002	2.1	ND (0.2)	NA	CH2M
	05/20/2002	2.0	ND (0.2)	NA	CH2M
	06/25/2002	ND (1.0)	ND (0.2)	NA	CH2M
	07/23/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2002	1.2	ND (0.2)	NA	CH2M
	09/25/2002	1.7	ND (0.2)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-04	10/15/2002	1.6	ND (0.2)	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	12/18/2002	1.2	ND (0.2)	NA	CH2M
	01/22/2003	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	1.6	ND (0.2)	NA	CH2M
No. of Samples:	20				
27-07	02/02/2006	1.54	1.67	NA	CH2M
	08/14/2007	1.25	1.34	NA	CH2M
	11/03/2009	2.04	1.87	NA	CH2M
	01/05/2011	1.5	1.6	NA	CH2M
	04/05/2011	1.5	1.5	NA	CH2M
	07/07/2011	1.5	1.3	NA	CH2M
	10/06/2011	1.6	1.5	NA	CH2M
	01/09/2012	ND (1.0)	0.95	NA	CH2M
	01/09/2012*	1.1	1.0	NA	CH2M
	07/17/2012	1.2	1.2	NA	CH2M
No. of Samples:	10				
27-08	09/14/2006	1.86	1.98	NA	CH2M
	09/14/2006*	1.62	1.92	NA	CH2M
	12/07/2006	1.82	1.8	NA	CH2M
	02/15/2007	2.08	1.82	NA	CH2M
	04/13/2007	1.37	1.44	NA	CH2M
	06/20/2007	1.89	1.88	NA	CH2M
	08/16/2007	1.66	1.62	NA	CH2M
	10/15/2007	1.25	0.855	NA	CH2M
	12/07/2007	ND (1.0)	0.786	NA	CH2M
	02/13/2008	ND (1.0)	0.382	NA	CH2M
	04/10/2008	ND (1.0)	0.566	NA	CH2M
	06/12/2008	1.24	0.93	NA	CH2M
	08/06/2008	1.34 J	1.46	NA	CH2M
	08/06/2008*	1.24	1.46	NA	CH2M
	11/06/2008	ND (1.0)	1.06	NA	CH2M
	02/05/2009	1.15	0.979	NA	CH2M
	05/14/2009	1.12	1.14	NA	CH2M
	05/14/2009*	1.22	1.12	NA	CH2M
	08/06/2009	1.37	1.11	NA	CH2M
	11/12/2009	1.21	0.89	NA	CH2M
	02/11/2010	ND (1.0)	0.8	NA	CH2M
	05/13/2010	1.4	1.3	NA	CH2M
	08/05/2010	1.3	1.5	NA	CH2M
	10/28/2010	1.7 J	2.7 J	NA	CH2M
	01/21/2011	1.3	0.76	NA	CH2M
	02/07/2011	1.2	1.1	NA	CH2M
	03/08/2011	1.4	1.5	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-08	04/07/2011	1.9	1.9	NA	CH2M
	05/11/2011	1.4	1.2	NA	CH2M
	06/07/2011	1.4	1.6	NA	CH2M
	07/07/2011	1.2	1.5	NA	CH2M
	08/17/2011	1.4	1.5	NA	CH2M
	09/13/2011	1.6	1.5	NA	CH2M
	09/13/2011*	2.0	1.5	NA	CH2M
	10/04/2011	1.5	0.81	NA	CH2M
	11/14/2011	1.3	1.3	NA	CH2M
	01/03/2012	ND (1.0)	0.65	NA	CH2M
	02/24/2012	1.1	1.4	NA	CH2M
	03/28/2012	1.3	1.4	NA	CH2M
	04/16/2012	1.1	1.3	NA	CH2M
	05/16/2012	1.3	1.4	NA	CH2M
	06/14/2012	1.3	1.5	NA	CH2M
	07/12/2012	1.2	1.4	NA	CH2M
	08/09/2012	1.1	1.7	NA	CH2M
	09/06/2012	1.4	1.6	NA	CH2M
	10/02/2012	1.4	1.4	NA	CH2M
	11/08/2012	1.2	1.2	NA	CH2M
	12/04/2012	1.2	1.1	NA	CH2M
	01/08/2013	ND (1.0)	0.8	NA	CH2M
	02/20/2013	ND (1.0)	1.0	NA	CH2M
	03/12/2013	1.7	1.3	NA	CH2M
	04/02/2013	1.2	1.5	NA	CH2M
	04/02/2013*	1.3	1.5	NA	CH2M
No. of Samples: 53					
27-10	02/20/2006	8.98	8.6	NA	CH2M
	08/16/2006	23.1	24.7	NA	CH2M
	02/20/2007	23.2	25.4	NA	CH2M
	08/21/2007	16.8	17.4	NA	CH2M
	02/14/2008	26.4	20.6	NA	CH2M
	08/13/2008	15.2	13.3	NA	CH2M
No. of Samples: 6					
27-11	10/13/2004	1.72	1.3	NA	CH2M
	01/16/2006	ND (1.0)	0.518	NA	CH2M
	08/10/2006	1.75	2.0	NA	CH2M
No. of Samples: 3					
27-12	04/15/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/13/2006	1.32	ND (0.2)	NA	CH2M
	08/10/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2006	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-12	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 7					
27-16	09/14/2006	1.15	1.22	NA	CH2M
	03/03/2011	1.2	1.4	NA	CH2M
	04/05/2011	1.8	1.5	NA	CH2M
	07/07/2011	1.4	1.5	NA	CH2M
	10/07/2011	1.5	1.2	NA	CH2M
	01/10/2012	1.2	1.4	NA	CH2M
	04/12/2012	1.2	1.4	NA	CH2M
	07/10/2012	1.2	1.3	NA	CH2M
	10/08/2012	1.2	1.3	NA	CH2M
	01/10/2013	1.3	1.4	NA	CH2M
	04/02/2013	1.2	1.4	NA	CH2M
	07/03/2013	1.1	1.2	NA	CH2M
	10/03/2013	1.0	1.2	NA	CH2M
	10/03/2013*	1.1	1.2	NA	CH2M
	01/09/2014	1.3	1.3	NA	CH2M
	04/02/2014	1.2	1.4	NA	CH2M
	07/09/2014	1.2	1.2	NA	CH2M
	10/13/2014	1.0	1.1	NA	CH2M
	01/13/2015	1.1	1.2	NA	CH2M
	04/09/2015	1.2	1.3	NA	CH2M
	04/09/2015*	1.2	1.3	NA	CH2M
	07/10/2015	1.2	1.3	NA	CH2M
	10/14/2015	1.2	1.3	NA	Arcadis
	01/07/2016	1.3	1.3	NA	Arcadis
	04/07/2016	1.4	1.3	NA	Arcadis
	04/07/2016*	1.3	1.2	NA	Arcadis
	07/11/2016	1.3	1.4	NA	Arcadis
	10/07/2016	1.4	1.3	NA	Arcadis
	01/13/2017	ND (1.0)	0.55	NA	Arcadis
	04/07/2017	ND (1.0)	0.49	NA	Arcadis
	07/14/2017	1.2	1.4	NA	Arcadis
	10/06/2017	1.0	0.72	NA	Arcadis
	01/19/2018	ND (1.0)	0.28	NA	Arcadis
	04/06/2018	ND (1.0)	0.35	NA	Arcadis
	07/13/2018	1.3	1.2	NA	Arcadis
	07/13/2018*	1.3	1.2	NA	Arcadis
	10/12/2018	ND (1.0)	0.73	NA	Arcadis
	02/14/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2019	ND (1.0)	0.19 J	NA	Arcadis
	07/11/2019	1.0	1.0	NA	Arcadis
	07/11/2019*	ND (1.0)	1.0	NA	Arcadis
	10/11/2019	ND (1.0)	0.28	NA	Arcadis
	01/17/2020	1.2	1.2	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-16	04/10/2020	1.3	1.3	NA	Arcadis
	07/10/2020	1.5	1.3	NA	Arcadis
	10/09/2020	1.6	1.4	NA	Arcadis
	01/15/2021	1.3	1.3	NA	Arcadis
	04/09/2021	1.7	1.5	NA	Arcadis
No. of Samples: 48					
27-18	04/09/2008	1.51	1.03	NA	CH2M
	03/04/2011	ND (1.0)	0.91	NA	CH2M
	04/05/2011	1.4	1.2	NA	CH2M
	07/07/2011	ND (1.0)	1.1	NA	CH2M
	10/06/2011	1.2	1.1	NA	CH2M
	01/10/2012	ND (1.0)	0.35	NA	CH2M
	04/27/2012	ND (1.0)	0.99	NA	CH2M
	07/11/2012	ND (1.0)	0.89	NA	CH2M
	07/11/2012*	ND (1.0)	0.91	NA	CH2M
	10/04/2012	1.1	1.1	NA	CH2M
	01/10/2013	ND (1.0)	0.84	NA	CH2M
	04/02/2013	ND (1.0)	0.94	NA	CH2M
	07/10/2013	ND (1.0)	0.87	NA	CH2M
	07/10/2013*	ND (1.0)	0.89	NA	CH2M
No. of Samples: 14					
27-19	02/09/2005	1.72	0.71	NA	CH2M
	02/20/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 5					
27-20	02/09/2005	2.59	1.63	NA	CH2M
	02/20/2006	11.1	11.1	NA	CH2M
	04/18/2006	1.43	ND (0.2)	NA	CH2M
	06/13/2006	12.8	10.2	NA	CH2M
	08/10/2006	2.78	2.79	NA	CH2M
	10/17/2006	4.45	4.71	NA	CH2M
	12/07/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 8					
27-21	06/09/2005	2.29	2.48	NA	CH2M
	05/31/2006	2.77	2.09	NA	CH2M
	08/13/2010	2.0	2.4	NA	CH2M
	10/26/2010	1.9	2.3	NA	CH2M
	01/24/2011	1.9	1.8	NA	CH2M
	04/04/2011	2.9	2.1	NA	CH2M
	10/04/2011	2.2	1.8	NA	CH2M
No. of Samples: 7					

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-22	07/22/2005	2.53	ND (0.2 J)	NA	CH2M
	08/25/2005	2.57	0.512	NA	CH2M
	02/16/2006	1.69	ND (1.0)	NA	CH2M
	08/10/2006	ND (1.0)	0.255	NA	CH2M
	02/15/2007	ND (1.0)	0.264	NA	CH2M
	08/21/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/18/2008	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 7					
27-25	01/16/2006	35.8	35.9	NA	CH2M
	01/30/2006	33.1	37	NA	CH2M
	02/21/2006	31.4	32.7	NA	CH2M
	04/18/2006	26.9	27.4	NA	CH2M
	06/13/2006	26.1	22	NA	CH2M
	08/15/2006	19.7	20	NA	CH2M
	10/09/2006	29.4	30.4	NA	CH2M
	10/09/2006*	25.4	30.9	NA	CH2M
	10/19/2006	13.7	16.5	NA	CH2M
	12/05/2006	17.3	20.3	NA	CH2M
	02/23/2007	27.4	27.4	NA	CH2M
	04/19/2007	24.5	25.1	NA	CH2M
	06/20/2007	26.2	28	NA	CH2M
	08/21/2007	16.9	17.2	NA	CH2M
	10/18/2007	24	25.4	NA	CH2M
	12/05/2007	22.1	26	NA	CH2M
	02/14/2008	19	18.5	NA	CH2M
	04/11/2008	13	17.9	NA	CH2M
	04/11/2008*	12.8	15	NA	CH2M
	06/11/2008	9.28	9.57	NA	CH2M
	08/13/2008	15.3	10.2	NA	CH2M
	11/07/2008	6.89	7.69	NA	CH2M
	02/05/2009	20.3	18.4	NA	CH2M
	05/15/2009	4.82	5.33	NA	CH2M
No. of Samples: 24					
27-26	01/16/2006	2.36	2.06	NA	CH2M
	11/03/2009	1.75	1.79	NA	CH2M
	03/04/2011	1.5	2.0	NA	CH2M
	04/05/2011	2.3	1.9	NA	CH2M
	07/07/2011	1.7	1.9	NA	CH2M
	10/06/2011	2.1	1.9	NA	CH2M
	01/09/2012	1.4	1.7	NA	CH2M
	05/09/2012	1.7	1.7	NA	CH2M
	05/09/2012*	1.7	1.8	NA	CH2M
	07/11/2012	1.5	1.6	NA	CH2M
	10/04/2012	1.7	1.7	NA	CH2M

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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-26	01/09/2013	1.5	1.7	NA	CH2M
	04/04/2013	1.8	1.8	NA	CH2M
	07/09/2013	1.5	1.7	NA	CH2M
	10/08/2013	1.8	1.7	NA	CH2M
	01/09/2014	1.6	1.7	NA	CH2M
	04/02/2014	1.6	1.7	NA	CH2M
	07/02/2014	1.6	1.6	NA	CH2M
	07/02/2014*	1.5	1.6	NA	CH2M
	10/06/2014	1.5	1.6	NA	CH2M
	01/20/2015	1.6	1.7	NA	CH2M
	04/08/2015	1.6	1.6	NA	CH2M
	07/10/2015	1.4	1.6	NA	CH2M
	10/14/2015	1.4	1.5	NA	Arcadis
	01/07/2016	1.4	1.3	NA	Arcadis
	04/07/2016	1.5	1.4	NA	Arcadis
	07/11/2016	1.6	1.5	NA	Arcadis
	10/07/2016	1.7	1.4	NA	Arcadis
	01/13/2017	1.4	1.4	NA	Arcadis
	04/07/2017	1.5	1.4	NA	Arcadis
	07/14/2017	1.3	1.5	NA	Arcadis
	10/06/2017	1.4	1.4	NA	Arcadis
	01/19/2018	1.1	1.2	NA	Arcadis
	04/06/2018	1.3	1.2	NA	Arcadis
	07/13/2018	1.3	1.3	NA	Arcadis
	10/12/2018	1.3	1.3	NA	Arcadis
	02/14/2019	ND (1.0)	1.1	NA	Arcadis
	04/05/2019	1.2	1.3	NA	Arcadis
	07/12/2019	1.1	1.3	NA	Arcadis
	10/11/2019	ND (1.0)	1.0	NA	Arcadis
	01/17/2020	1.1	1.1	NA	Arcadis
	01/17/2020*	1.1	1.1	NA	Arcadis
	04/10/2020	ND (1.0)	0.73	NA	Arcadis
	07/10/2020	1.2	1.2	NA	Arcadis
	07/10/2020*	1.3	1.1	NA	Arcadis
	10/09/2020	1.3	1.2	NA	Arcadis
	01/15/2021	ND (1.0)	0.83	NA	Arcadis
	04/09/2021	1.1	1.1	NA	Arcadis
	04/09/2021*	1.2	1.1	NA	Arcadis
No. of Samples:		49			
27-27	01/16/2006	1.58	1.43	NA	CH2M
	04/12/2007	1.79	1.54	NA	CH2M
	11/03/2009	1.44	1.47	NA	CH2M
	12/13/2010	2.1	1.7	NA	CH2M
	03/04/2011	1.3	1.9	NA	CH2M
	03/04/2011*	1.3	1.8	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-27	04/05/2011	1.8	1.6	NA	CH2M
	07/07/2011	1.0	1.6	NA	CH2M
	07/07/2011*	1.3	1.6	NA	CH2M
	10/06/2011	1.6	1.4	NA	CH2M
	01/18/2012	1.0	1.1	NA	CH2M
	04/04/2012	ND (1.0)	1.0	NA	CH2M
	07/10/2012	ND (1.0)	1.1	NA	CH2M
	12/06/2012	1.2	1.1	NA	CH2M
	01/15/2013	1.2	1.1	NA	CH2M
	04/02/2013	ND (1.0)	1.2	NA	CH2M
	07/03/2013	1.1	1.2	NA	CH2M
	10/03/2013	1.1	1.2	NA	CH2M
No. of Samples: 18					
27-28	01/16/2006	ND (1.0)	0.218	NA	CH2M
	08/28/2006	ND (1.0)	0.408	NA	CH2M
No. of Samples: 2					
27-29	02/02/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/28/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/28/2006*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 3					
27-36	05/31/2006	2.74	2.4	NA	CH2M
	06/09/2010	2.2	2.6	NA	CH2M
	08/04/2010	2.0	2.1	NA	CH2M
	10/26/2010	1.9	2.2	NA	CH2M
	01/24/2011	2.0	2.3	NA	CH2M
	04/04/2011	2.4	2.2	NA	CH2M
	07/08/2011	1.8	2.2	NA	CH2M
	10/04/2011	2.7	2.2	NA	CH2M
	01/09/2012	1.9	2.0	NA	CH2M
	01/09/2012*	1.8	2.0	NA	CH2M
	04/06/2012	2.0	2.0	NA	CH2M
	07/10/2012	1.8	1.9	NA	CH2M
	10/03/2012	2.1	2.0	NA	CH2M
	01/08/2013	2.1	2.0	NA	CH2M
	04/02/2013	1.7	1.9	NA	CH2M
	04/02/2013*	1.7	2.0	NA	CH2M
	07/08/2013	1.7	1.9	NA	CH2M
No. of Samples: 17					
27-38	09/14/2006	1.23	1.44	NA	CH2M
	12/07/2006	1.56	1.46	NA	CH2M
	02/15/2007	ND (1.0)	0.621	NA	CH2M
	04/13/2007	1.05	0.955	NA	CH2M
	04/13/2007*	ND (1.0)	0.957	NA	CH2M
	06/20/2007	1.79	1.58	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-38	06/20/2007*	1.57	1.58	NA	CH2M
	08/16/2007	1.32	1.5	NA	CH2M
	10/15/2007	1.73	1.81	NA	CH2M
	12/07/2007	1.11	0.972	NA	CH2M
	02/13/2008	1.79	1.77	NA	CH2M
	04/10/2008	1.28	0.753	NA	CH2M
	06/12/2008	1.31	0.6	NA	CH2M
	08/06/2008	1.29	1.56	NA	CH2M
	11/06/2008	ND (1.0)	1.03	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	1.04	0.9	NA	CH2M
	08/06/2009	1.68	1.44	NA	CH2M
	11/12/2009	ND (1.0)	0.7	NA	CH2M
	02/11/2010	ND (1.0)	0.57	NA	CH2M
	05/13/2010	1.5	0.93	NA	CH2M
	08/05/2010	1.4	1.3	NA	CH2M
	10/28/2010	1.6 J	2.9 J	NA	CH2M
	01/21/2011	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2011	ND (1.0)	0.37	NA	CH2M
	03/08/2011	1.4	1.2	NA	CH2M
	04/07/2011	1.5	0.96	NA	CH2M
	04/07/2011*	1.8	1.0	NA	CH2M
	05/11/2011	1.7	1.7	NA	CH2M
	06/07/2011	1.4	1.7	NA	CH2M
	07/07/2011	1.6	1.6	NA	CH2M
	08/17/2011	1.5	1.6	NA	CH2M
	09/13/2011	3.0	1.6	NA	CH2M
	09/28/2011	1.8	1.6	NA	CH2M
	09/28/2011*	1.9	1.7	NA	CH2M
	10/04/2011	1.6	1.2	NA	CH2M
	11/14/2011	1.3	1.1	NA	CH2M
	01/03/2012	ND (1.0)	0.62	NA	CH2M
	02/24/2012	ND (1.0)	0.42	NA	CH2M
	03/28/2012	1.4	1.2	NA	CH2M
	04/16/2012	ND (1.0)	0.72	NA	CH2M
	04/16/2012*	ND (1.0)	0.73	NA	CH2M
	05/16/2012	1.2	0.91	NA	CH2M
	06/14/2012	1.4	1.5	NA	CH2M
	07/12/2012	1.4	1.4	NA	CH2M
	08/09/2012	1.3	1.7	NA	CH2M
	09/06/2012	1.4	1.7	NA	CH2M
	10/02/2012	1.5	1.5	NA	CH2M
	11/08/2012	1.4	1.3	NA	CH2M
	12/04/2012	ND (1.0)	0.72	NA	CH2M
	01/08/2013	1.1	0.49	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-38	02/20/2013	ND (1.0)	0.61	NA	CH2M
	03/12/2013	ND (1.0)	0.31	NA	CH2M
	04/02/2013	1.3	1.4	NA	CH2M
	05/07/2013	1.4	1.3	NA	CH2M
	06/04/2013	1.4	1.4	NA	CH2M
	07/02/2013	1.4	1.5	NA	CH2M
	08/01/2013	1.8	1.6	NA	CH2M
	09/13/2013	1.5	1.4	NA	CH2M
	10/01/2013	1.6	1.7	NA	CH2M
	11/07/2013	ND (1.0)	0.78	NA	CH2M
	12/10/2013	ND (1.0)	0.11	NA	CH2M
	12/10/2013*	ND (1.0)	0.088	NA	CH2M
	01/07/2014	ND (1.0)	0.27	NA	CH2M
	02/05/2014	1.4	1.2	NA	CH2M
	03/19/2014	2.0	1.4	NA	CH2M
	04/03/2014	1.4	1.2	NA	CH2M
	04/03/2014*	1.3	1.2	NA	CH2M
	01/14/2015	ND (1.0)	0.065	NA	CH2M
No. of Samples:		69			
27-39	09/14/2006	1.22	1.42	NA	CH2M
	12/07/2006	ND (1.0)	0.342	NA	CH2M
	02/15/2007	1.95	1.73	NA	CH2M
	04/13/2007	2.12	0.745	NA	CH2M
	06/20/2007	1.49	1.54	NA	CH2M
	08/16/2007	1.25	1.5	NA	CH2M
	10/15/2007	1.49	1.31	NA	CH2M
	12/07/2007	1.1	1.09	NA	CH2M
	02/13/2008	1.69	0.51	NA	CH2M
	04/10/2008	1.24	0.897	NA	CH2M
	06/12/2008	1.47	1.11	NA	CH2M
	08/06/2008	1.26 J	1.53	NA	CH2M
	11/06/2008	ND (1.0)	1.46	NA	CH2M
	02/05/2009	ND (1.0)	0.543	NA	CH2M
	05/14/2009	1.46	1.29	NA	CH2M
	08/06/2009	1.44	1.18	NA	CH2M
	11/12/2009	1.13	0.73	NA	CH2M
	02/11/2010	1.0	0.7	NA	CH2M
	05/13/2010	1.1	0.77	NA	CH2M
	08/05/2010	1.5	1.7	NA	CH2M
	10/28/2010	1.3	0.88	NA	CH2M
	01/21/2011	1.6	1.2	NA	CH2M
	02/07/2011	1.8	1.6	NA	CH2M
	03/08/2011	ND (1.0)	0.2	NA	CH2M
	04/07/2011	1.8	1.2	NA	CH2M
	05/11/2011	2.0	1.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-39	06/07/2011	1.6	1.6	NA	CH2M
	07/07/2011	1.6	1.4	NA	CH2M
	08/17/2011	1.7	1.6	NA	CH2M
	09/13/2011	2.0	1.6	NA	CH2M
	10/04/2011	1.1	0.65	NA	CH2M
	11/14/2011	2.0	1.9	NA	CH2M
	11/14/2011*	1.9	1.9	NA	CH2M
	01/03/2012	1.0	0.17	NA	CH2M
	02/24/2012	1.5	1.2	NA	CH2M
	03/28/2012	1.1	0.71	NA	CH2M
	04/16/2012	ND (1.0)	0.62	NA	CH2M
	05/16/2012	1.2	1.1	NA	CH2M
	06/14/2012	1.3	1.3	NA	CH2M
	07/12/2012	1.5	1.5	NA	CH2M
	08/09/2012	1.2	1.7	NA	CH2M
	09/06/2012	1.3	1.3	NA	CH2M
	10/02/2012	1.4	1.2	NA	CH2M
	11/08/2012	ND (1.0)	0.12	NA	CH2M
	12/04/2012	ND (1.0)	0.24	NA	CH2M
	01/08/2013	ND (1.0)	0.54	NA	CH2M
	02/20/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/12/2013	1.8	1.2	NA	CH2M
	04/02/2013	1.3	1.4	NA	CH2M
	05/07/2013	2.3	2.0	NA	CH2M
	06/04/2013	1.6	1.8	NA	CH2M
	07/02/2013	1.4	1.6	NA	CH2M
	08/01/2013	2.4	2.2	NA	CH2M
	09/13/2013	1.9	2.0	NA	CH2M
	10/01/2013	2.0	1.9	NA	CH2M
	11/07/2013	1.5	1.7	NA	CH2M
	12/10/2013	ND (1.0)	0.53	NA	CH2M
	01/07/2014	ND (1.0)	0.26	NA	CH2M
	02/05/2014	1.0	0.41	NA	CH2M
	03/19/2014	1.9	1.4 J	NA	CH2M
	03/19/2014*	1.9	1.9 J	NA	CH2M
	04/03/2014	1.9	1.9	NA	CH2M
	01/14/2015	ND (1.0)	0.093	NA	CH2M
No. of Samples:		63			
27-40	09/14/2006	1.89	2.15	NA	CH2M
	12/07/2006	1.92	1.98	NA	CH2M
	02/15/2007	2.26	1.95	NA	CH2M
	04/13/2007	1.75	2.07	NA	CH2M
	06/20/2007	1.93	2.05	NA	CH2M
	08/16/2007	2.08	1.94	NA	CH2M
	10/15/2007	1.88	2.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-40	12/07/2007	2.1	1.98	NA	CH2M
	02/13/2008	2.0	1.95	NA	CH2M
	04/10/2008	2.2	1.92	NA	CH2M
	04/10/2008*	2.17	1.91	NA	CH2M
	06/12/2008	1.84	1.81	NA	CH2M
	08/06/2008	1.64	1.84	NA	CH2M
	11/06/2008	1.19	1.8	NA	CH2M
	02/05/2009	1.69	1.61	NA	CH2M
	05/14/2009	1.78	1.61	NA	CH2M
	08/06/2009	1.84	1.66	NA	CH2M
	11/12/2009	1.7	1.28	NA	CH2M
	02/11/2010	1.04	1.36	NA	CH2M
	05/13/2010	2.0	1.9	NA	CH2M
	08/05/2010	1.7	2.0	NA	CH2M
	10/28/2010	1.9	2.1	NA	CH2M
	01/21/2011	1.9	1.7	NA	CH2M
	02/07/2011	1.6	1.5	NA	CH2M
	03/08/2011	1.9	1.9	NA	CH2M
	04/07/2011	2.2	1.9	NA	CH2M
	05/11/2011	2.5	2.0	NA	CH2M
	06/07/2011	2.0	2.0	NA	CH2M
	07/07/2011	1.7	2.0	NA	CH2M
	08/17/2011	1.8	1.8	NA	CH2M
	09/13/2011	2.0	2.0	NA	CH2M
	10/04/2011	2.2	1.8	NA	CH2M
	11/14/2011	1.9	1.9	NA	CH2M
	01/03/2012	1.6	1.6	NA	CH2M
	02/24/2012	1.7	2.0	NA	CH2M
	03/28/2012	1.9	2.0	NA	CH2M
	04/16/2012	1.7	1.9	NA	CH2M
	05/16/2012	1.7	1.9	NA	CH2M
	06/14/2012	1.8	2.0	NA	CH2M
	07/12/2012	1.7	1.9	NA	CH2M
	08/09/2012	1.5	2.1	NA	CH2M
	09/06/2012	1.8	2.1	NA	CH2M
	10/02/2012	1.9	2.0	NA	CH2M
	11/08/2012	2.0	2.0	NA	CH2M
	12/04/2012	2.1	1.9	NA	CH2M
	01/08/2013	1.9	2.0	NA	CH2M
	02/20/2013	1.6	2.0	NA	CH2M
	03/12/2013	2.2	2.0	NA	CH2M
	04/02/2013	1.7	2.0	NA	CH2M
	05/07/2013	1.9	2.0	NA	CH2M
	06/04/2013	1.4	1.9	NA	CH2M
	07/02/2013	1.8	1.9	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-40	08/01/2013	2.0	2.2	NA	CH2M
	09/13/2013	1.8	1.9	NA	CH2M
	10/01/2013	2.0	2.0	NA	CH2M
	11/07/2013	1.6	1.9	NA	CH2M
	12/10/2013	1.4	1.5	NA	CH2M
	01/07/2014	1.6	1.7	NA	CH2M
	01/07/2014*	1.6	1.7	NA	CH2M
	02/05/2014	1.9	2.0	NA	CH2M
	03/19/2014	1.4	2.0	NA	CH2M
	04/03/2014	1.8	1.9	NA	CH2M
	01/14/2015	1.5	1.8	NA	CH2M
No. of Samples: 63					
27-41	04/10/2008	1.33	0.834	NA	CH2M
No. of Samples: 1					
27-42	02/19/2008	1.5	0.355	NA	CH2M
	03/03/2011	ND (1.0)	0.38	NA	CH2M
	04/04/2011	ND (1.0)	0.28	NA	CH2M
	07/07/2011	ND (1.0)	0.59	NA	CH2M
	10/06/2011	ND (1.0)	0.6	NA	CH2M
	01/04/2012	ND (1.0)	0.55	NA	CH2M
	04/04/2012	ND (1.0)	0.46	NA	CH2M
	07/10/2012	ND (1.0)	0.53	NA	CH2M
	10/03/2012	ND (1.0)	0.55	NA	CH2M
	01/17/2013	ND (1.0)	0.43	NA	CH2M
	04/02/2013	ND (1.0)	0.22	NA	CH2M
	07/03/2013	ND (1.0)	0.072	NA	CH2M
	10/02/2013	ND (1.0)	0.24	NA	CH2M
	10/02/2013*	ND (1.0)	0.24	NA	CH2M
	01/06/2014	ND (1.0)	0.4	NA	CH2M
	04/09/2014	ND (1.0)	0.47	NA	CH2M
	07/02/2014	ND (1.0)	0.24	NA	CH2M
	10/06/2014	ND (1.0)	0.41	NA	CH2M
	01/19/2015	ND (1.0)	0.48	NA	CH2M
	01/19/2015*	ND (1.0)	0.42	NA	CH2M
	04/13/2015	ND (1.0)	0.33	NA	CH2M
	07/13/2015	ND (1.0)	0.25	NA	CH2M
	10/12/2015	ND (1.0)	0.28	NA	Arcadis
	01/07/2016	ND (1.0)	0.35	NA	Arcadis
	04/04/2016	ND (1.0)	0.22	NA	Arcadis
	07/11/2016	ND (1.0)	0.29	NA	Arcadis
	10/07/2016	ND (1.0)	0.24	NA	Arcadis
	01/13/2017	ND (1.0)	0.27	NA	Arcadis
	04/07/2017	ND (1.0)	0.22	NA	Arcadis
	07/13/2017	ND (1.0)	0.5	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-42	10/16/2017	ND (1.0)	0.68	NA	Arcadis
	01/19/2018	ND (1.0)	0.41	NA	Arcadis
	04/09/2018	ND (1.0)	0.45	NA	Arcadis
	07/13/2018	ND (1.0)	0.61	NA	Arcadis
	10/15/2018	ND (1.0)	0.49	NA	Arcadis
	02/15/2019	ND (1.0)	0.44	NA	Arcadis
	04/04/2019	ND (1.0)	0.51	NA	Arcadis
	07/11/2019	ND (1.0)	0.44	NA	Arcadis
	10/11/2019	ND (1.0)	0.39	NA	Arcadis
	01/17/2020	ND (1.0)	0.5	NA	Arcadis
	04/10/2020	ND (1.0)	0.43	NA	Arcadis
	07/10/2020	ND (1.0)	0.46	NA	Arcadis
	10/08/2020	ND (1.0)	0.48	NA	Arcadis
	01/15/2021	ND (1.0)	0.41	NA	Arcadis
	04/08/2021	ND (1.0)	0.38	NA	Arcadis
No. of Samples: 45					
27-43	02/19/2008	1.68	1.37	NA	CH2M
	03/03/2011	1.1	1.4	NA	CH2M
	04/04/2011	1.7	1.5	NA	CH2M
	07/07/2011	1.2	1.4	NA	CH2M
	10/06/2011	1.4	1.5	NA	CH2M
	01/09/2012	1.1	1.3	NA	CH2M
	04/04/2012	1.2	1.3	NA	CH2M
	07/10/2012	1.2	1.3	NA	CH2M
	10/03/2012	1.4	1.4	NA	CH2M
	04/02/2013	1.2	1.4	NA	CH2M
	04/02/2013*	1.2	1.4	NA	CH2M
	07/03/2013	1.2	1.4	NA	CH2M
	10/02/2013	1.5	1.4	NA	CH2M
	01/06/2014	1.3	1.4	NA	CH2M
	04/09/2014	2.3	1.5	NA	CH2M
	07/15/2014	1.4	1.4	NA	CH2M
	10/06/2014	1.4	1.4	NA	CH2M
	01/19/2015	1.4	1.6	NA	CH2M
	04/13/2015	1.5	1.5	NA	CH2M
	07/13/2015	1.3	1.5	NA	CH2M
	10/12/2015	1.4	1.5	NA	Arcadis
	01/07/2016	1.6	1.6	NA	Arcadis
	04/04/2016	1.4	1.3	NA	Arcadis
	07/11/2016	1.4	1.5	NA	Arcadis
	10/07/2016	1.6	1.4	NA	Arcadis
	01/13/2017	1.5	1.4	NA	Arcadis
	04/07/2017	1.6	1.5	NA	Arcadis
	07/13/2017	1.2	1.5	NA	Arcadis
	10/09/2017	1.4	1.5	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-43	01/19/2018	1.5	1.5	NA	Arcadis
	04/09/2018	1.3	1.4	NA	Arcadis
	07/13/2018	1.3	1.3	NA	Arcadis
	10/15/2018	1.4	1.5	NA	Arcadis
	10/15/2018*	1.4	1.5	NA	Arcadis
	02/15/2019	1.2	1.3	NA	Arcadis
	04/04/2019	1.3	1.4	NA	Arcadis
	07/11/2019	1.4	1.6	NA	Arcadis
	10/11/2019	1.4	1.3	NA	Arcadis
	01/17/2020	1.5	1.6	NA	Arcadis
	04/10/2020	1.4	1.4	NA	Arcadis
	07/10/2020	1.8	1.4	NA	Arcadis
	10/08/2020	1.8	1.4	NA	Arcadis
	01/15/2021	1.4	1.4	NA	Arcadis
	04/08/2021	1.4	1.4	NA	Arcadis
No. of Samples: 44					
27-46	11/01/2010	2.1	1.3	NA	CH2M
	01/24/2011	1.7	1.4	NA	CH2M
	04/05/2011	1.9	1.5	NA	CH2M
	07/07/2011	1.5	1.5	NA	CH2M
	10/07/2011	1.5	1.4	NA	CH2M
	01/04/2012	1.6	1.5	NA	CH2M
	04/11/2012	1.1	1.3	NA	CH2M
	07/12/2012	1.8	1.5	NA	CH2M
	10/08/2012	1.6	1.5	NA	CH2M
	01/08/2013	1.6	1.5	NA	CH2M
	04/04/2013	1.4	1.2	NA	CH2M
	07/08/2013	ND (1.0)	0.43	NA	CH2M
No. of Samples: 12					
27-48	03/09/2011	1.5	1.2	NA	CH2M
	04/04/2011	1.4	1.3	NA	CH2M
	07/08/2011	ND (1.0)	1.1	NA	CH2M
	10/06/2011	1.3	1.0	NA	CH2M
	01/17/2012	ND (1.0)	0.75	NA	CH2M
	05/09/2012	ND (1.0)	0.68	NA	CH2M
	07/10/2012	ND (1.0)	0.59	NA	CH2M
	07/10/2012*	ND (1.0)	0.61	NA	CH2M
	10/04/2012	ND (1.0)	0.56	NA	CH2M
	01/09/2013	ND (1.0)	0.58	NA	CH2M
	04/03/2013	ND (1.0)	0.67	NA	CH2M
	07/02/2013	ND (1.0)	0.68	NA	CH2M
	10/03/2013	ND (1.0)	0.66	NA	CH2M
	01/09/2014	ND (1.0)	0.28	NA	CH2M
	04/02/2014	ND (1.0)	0.61	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-48	07/02/2014	ND (1.0)	0.52	NA	CH2M
	10/10/2014	ND (1.0)	0.62	NA	CH2M
	01/20/2015	ND (1.0)	0.65	NA	CH2M
	04/08/2015	ND (1.0)	0.65	NA	CH2M
	07/09/2015	ND (1.0)	0.76	NA	CH2M
	10/07/2015	ND (1.0)	0.62	NA	Arcadis
	01/07/2016	ND (1.0)	0.63	NA	Arcadis
	04/07/2016	ND (1.0)	0.58	NA	Arcadis
	07/11/2016	ND (1.0)	0.68	NA	Arcadis
	10/07/2016	ND (1.0)	0.66	NA	Arcadis
	01/13/2017	ND (1.0)	0.5	NA	Arcadis
	04/04/2017	ND (1.0)	0.67	NA	Arcadis
	07/14/2017	ND (1.0)	0.69	NA	Arcadis
	10/06/2017	ND (1.0)	0.64	NA	Arcadis
	01/19/2018	ND (1.0)	0.63	NA	Arcadis
	04/06/2018	ND (1.0)	0.6	NA	Arcadis
	07/13/2018	ND (1.0)	0.58	NA	Arcadis
	10/11/2018	ND (1.0)	0.54	NA	Arcadis
	02/15/2019	ND (1.0)	0.56	NA	Arcadis
	04/05/2019	ND (1.0)	0.6 J	NA	Arcadis
	04/05/2019*	1.1	1.3 J	NA	Arcadis
	07/12/2019	ND (1.0)	0.52	NA	Arcadis
	10/11/2019	ND (1.0)	0.5	NA	Arcadis
	01/17/2020	ND (1.0)	0.54	NA	Arcadis
	04/10/2020	ND (1.0)	0.6	NA	Arcadis
	07/10/2020	ND (1.0)	0.51	NA	Arcadis
	10/09/2020	ND (1.0)	0.56	NA	Arcadis
	01/15/2021	ND (1.0)	0.32	NA	Arcadis
	06/01/2021	ND (1.0)	0.41	NA	Arcadis
No. of Samples:		44			
27-49	03/09/2011	2.0	2.0	NA	CH2M
	04/04/2011	2.1	1.9	NA	CH2M
	07/08/2011	1.5	1.7	NA	CH2M
	07/08/2011*	1.5	1.8	NA	CH2M
	10/06/2011	2.5	1.8	NA	CH2M
	01/17/2012	1.4	1.5	NA	CH2M
	05/09/2012	1.5	1.5	NA	CH2M
	07/10/2012	1.2	1.2	NA	CH2M
	10/04/2012	1.3	1.2	NA	CH2M
	01/09/2013	ND (1.0)	0.25	NA	CH2M
	04/03/2013	1.8	1.8	NA	CH2M
	07/02/2013	1.7	1.7	NA	CH2M
	10/03/2013	1.6	1.8	NA	CH2M
	01/09/2014	1.8	1.9	NA	CH2M
	04/02/2014	1.8	2.0	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-49	07/02/2014	1.7	1.6	NA	CH2M
	10/10/2014	1.5	1.6	NA	CH2M
	01/20/2015	1.8	1.9	NA	CH2M
	04/08/2015	1.6	1.7	NA	CH2M
	07/09/2015	1.6	1.7	NA	CH2M
	10/07/2015	1.5	1.6	NA	Arcadis
	01/07/2016	ND (1.0)	0.83	NA	Arcadis
	04/07/2016	1.6	1.5	NA	Arcadis
	07/11/2016	1.8	1.8	NA	Arcadis
	10/07/2016	1.8	1.7	NA	Arcadis
	01/13/2017	1.9	1.8	NA	Arcadis
	04/04/2017	1.9	2.0	NA	Arcadis
	07/14/2017	2.0	2.2	NA	Arcadis
	10/06/2017	2.1	2.4	NA	Arcadis
	01/19/2018	2.4	2.4	NA	Arcadis
	04/06/2018	2.6	2.4	NA	Arcadis
	07/13/2018	2.5	2.6	NA	Arcadis
	10/11/2018	2.3	2.5	NA	Arcadis
	02/15/2019	2.3	2.3	NA	Arcadis
	04/05/2019	2.4	2.6	NA	Arcadis
	07/12/2019	2.6	2.8	NA	Arcadis
	10/11/2019	2.6	2.4	NA	Arcadis
	01/17/2020	1.9	2.0	NA	Arcadis
	04/10/2020	2.3	2.3	NA	Arcadis
	04/10/2020*	2.4	2.3	NA	Arcadis
	07/10/2020	ND (1.0)	0.48	NA	Arcadis
	10/09/2020	1.4	1.1	NA	Arcadis
	10/09/2020*	1.3	1.1	NA	Arcadis
	01/15/2021	1.6	1.7	NA	Arcadis
	01/15/2021*	1.6	1.6	NA	Arcadis
	06/01/2021	2.7	2.8	NA	Arcadis
No. of Samples:		46			
27N-01	07/31/2012	1.7	2.2	NA	CH2M
	02/20/2013	1.8	2.2	NA	CH2M
	04/03/2013	2.1	2.1	NA	CH2M
	07/01/2013	1.9	2.2	NA	CH2M
	10/03/2013	1.9	2.1	NA	CH2M
	01/14/2014	1.9	2.1	NA	CH2M
	04/02/2014	2.0	2.2	NA	CH2M
	07/14/2014	2.0	2.0	NA	CH2M
	10/08/2014	2.0	2.2	NA	CH2M
	10/08/2014*	2.1	2.2	NA	CH2M
	01/06/2015	2.0	2.2	NA	CH2M
	04/02/2015	2.2	2.2	NA	CH2M
	07/06/2015	2.1	2.2	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27N-01	10/09/2015	2.1	2.2	NA	Arcadis
No. of Samples:	14				
27N-02	02/20/2013	3.1	3.6	NA	CH2M
	04/03/2013	3.8	3.9	NA	CH2M
	07/01/2013	3.8	4.1	NA	CH2M
No. of Samples:	3				
28-05	10/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2012*	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	2				
28-06	11/30/2011	1.2	0.76	NA	CH2M
	01/10/2012	ND (1.0)	0.84	NA	CH2M
	04/12/2012	ND (1.0)	0.27	NA	CH2M
	07/13/2012	1.1	1.0	NA	CH2M
	10/12/2012	1.5	0.96	NA	CH2M
	01/09/2013	ND (1.0)	0.55	NA	CH2M
	04/04/2013	ND (1.0)	0.68	NA	CH2M
	04/04/2013*	ND (1.0)	0.69	NA	CH2M
	07/09/2013	ND (1.0)	0.07	NA	CH2M
	01/13/2014	ND (1.0)	0.4	NA	CH2M
No. of Samples:	10				
28-08	12/02/2011	3.5	2.5	NA	CH2M
	01/20/2012	2.0	2.0	NA	CH2M
	04/11/2012	2.0	2.5	NA	CH2M
	04/11/2012*	2.0	2.5	NA	CH2M
	07/10/2012	1.8	2.3	NA	CH2M
	10/04/2012	2.1	2.3	NA	CH2M
	10/04/2012*	2.2	2.3	NA	CH2M
	01/18/2013	2.1	2.2	NA	CH2M
	07/11/2013	2.0	2.3	NA	CH2M
	07/11/2013*	2.0	2.4	NA	CH2M
	10/03/2013	2.6	2.5	NA	CH2M
No. of Samples:	11				
28-09	11/11/2011	2.2	1.9	NA	CH2M
	01/10/2012	1.7	1.7	NA	CH2M
	04/11/2012	1.5	1.5	NA	CH2M
	07/12/2012	2.0	2.1	NA	CH2M
	12/26/2012	1.8	1.9	NA	CH2M
	03/12/2013	2.5	2.0	NA	CH2M
	04/09/2013	3.0	3.1	NA	CH2M
	07/09/2013	2.0	2.3	NA	CH2M
	10/03/2013	1.3	1.1	NA	CH2M
	10/03/2013*	1.4	1.3	NA	CH2M
	01/14/2014	2.2	2.2	NA	CH2M
	04/02/2014	2.0	2.2	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-09	07/14/2014	2.0	2.1	NA	CH2M
	07/14/2014*	2.0	2.1	NA	CH2M
	10/14/2014	1.5	1.5	NA	CH2M
	07/07/2015	1.4	1.6	NA	CH2M
	10/21/2015	1.4	1.6	NA	Arcadis
	04/06/2016	2.1	2.0	NA	Arcadis
	07/07/2016	1.4	1.3	NA	Arcadis
	10/05/2016	2.2	2.0	NA	Arcadis
No. of Samples:		20			
28-10	07/09/2012	1.1	0.93	NA	CH2M
	10/05/2012	1.9	2.1	NA	CH2M
	01/09/2013	1.5	1.5	NA	CH2M
No. of Samples:		3			
28-16	11/30/2011	1.0	0.62	NA	CH2M
	01/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	0.37	NA	CH2M
	01/09/2013	ND (1.0)	0.3	NA	CH2M
	01/09/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013	ND (1.0)	0.23	NA	CH2M
	07/10/2013	ND (1.0)	0.57	NA	CH2M
	10/02/2013	ND (1.0)	0.45	NA	CH2M
	01/09/2014	ND (1.0)	0.23	NA	CH2M
	04/03/2014	ND (1.0)	0.13	NA	CH2M
	04/03/2014*	ND (1.0)	0.12	NA	CH2M
	07/02/2014	1.2	0.8	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2015	ND (1.0)	0.11	NA	CH2M
	07/10/2015	1.1	1.1	NA	CH2M
	10/14/2015	1.1	0.52	NA	Arcadis
	01/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2016	ND (1.0)	0.57	NA	Arcadis
	07/07/2016	1.0	0.77	NA	Arcadis
	10/05/2016	1.2	0.61	NA	Arcadis
	04/05/2017	ND (1.0)	0.43	NA	Arcadis
	10/05/2017	ND (1.0)	0.81	NA	Arcadis
	01/25/2018	ND (1.0)	0.27	NA	Arcadis
No. of Samples:		25			
28-17	03/09/2011	ND (1.0)	0.68	NA	CH2M
	04/04/2011	ND (1.0)	0.69	NA	CH2M
	08/17/2011	ND (1.0)	0.62	NA	CH2M
	10/05/2011	ND (1.0)	0.57	NA	CH2M
	01/25/2012	ND (1.0)	0.54	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-17	05/09/2012	ND (1.0)	0.59	NA	CH2M
	07/10/2012	ND (1.0)	0.56	NA	CH2M
	10/01/2012	ND (1.0)	0.57	NA	CH2M
	01/15/2013	1.1	0.57	NA	CH2M
	04/03/2013	ND (1.0)	0.47	NA	CH2M
	07/08/2013	ND (1.0)	0.6	NA	CH2M
	10/03/2013	ND (1.0)	0.45	NA	CH2M
	01/09/2014	ND (1.0)	0.64	NA	CH2M
	01/09/2014*	ND (1.0)	0.66	NA	CH2M
	04/02/2014	ND (1.0)	0.62	NA	CH2M
	07/02/2014	ND (1.0)	0.44	NA	CH2M
No. of Samples:		16			
28-18	12/02/2011	1.5	1.0	NA	CH2M
No. of Samples:		1			
28-19	12/15/2011	ND (1.0)	ND (0.06)	NA	CH2M
	06/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	05/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		6			
28-20	08/10/2006	1.06	1.09	NA	CH2M
	01/06/2011	1.8	1.3	NA	CH2M
	12/01/2011	1.2	1.3	NA	CH2M
	01/13/2012	1.1	1.1	NA	CH2M
	04/24/2012	1.0	1.2	NA	CH2M
	07/18/2012	ND (1.0)	0.48	NA	CH2M
	10/08/2012	1.1	1.2	NA	CH2M
	01/10/2013	1.1	1.2	NA	CH2M
	04/10/2013	1.3	1.3	NA	CH2M
	07/03/2013	1.1	1.3	NA	CH2M
	10/03/2013	1.3	1.2	NA	CH2M
	01/06/2014	1.2	1.2	NA	CH2M
	04/02/2014	1.2	1.2	NA	CH2M
	07/15/2014	1.0	0.74	NA	CH2M
	10/21/2014	1.1	1.2	NA	CH2M
	01/06/2015	1.2	1.3	NA	CH2M
	04/01/2015	1.2	1.2	NA	CH2M
	04/01/2015*	1.3	1.2	NA	CH2M
	07/15/2015	ND (1.0)	0.73	NA	CH2M
	10/14/2015	ND (1.0)	0.85	NA	Arcadis
	01/06/2016	1.3	1.2	NA	Arcadis
	04/06/2016	1.2	1.2	NA	Arcadis
	07/12/2016	ND (1.0)	0.75	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-20	10/05/2016	1.3	1.2	NA	Arcadis
	01/11/2017	ND (1.0)	0.69	NA	Arcadis
	04/05/2017	1.2	1.3	NA	Arcadis
	07/12/2017	ND (1.0)	1.3	NA	Arcadis
	10/04/2017	1.1	0.91	NA	Arcadis
	01/17/2018	1.3	1.3	NA	Arcadis
	04/09/2018	1.1	1.3	NA	Arcadis
	07/11/2018	1.3	1.3	NA	Arcadis
	10/10/2018	1.2	1.3	NA	Arcadis
	01/16/2019	1.2	1.2	NA	Arcadis
	01/16/2019*	1.1	1.2	NA	Arcadis
	04/03/2019	1.2	1.3	NA	Arcadis
	07/10/2019	1.3	1.4	NA	Arcadis
	10/09/2019	ND (1.0)	1.2	NA	Arcadis
	01/17/2020	1.3	1.3	NA	Arcadis
	04/08/2020	1.3	1.2	NA	Arcadis
	07/08/2020	1.3	1.2	NA	Arcadis
	10/07/2020	1.3	1.2	NA	Arcadis
	01/13/2021	1.1	1.3	NA	Arcadis
	04/07/2021	1.4	1.3	NA	Arcadis
No. of Samples: 43					
28-21	04/11/2007	6.83	5.61	NA	CH2M
	11/03/2011	2.7	2.7	NA	CH2M
	01/10/2012	2.8	2.9	NA	CH2M
	04/11/2012	ND (1.0)	0.53	NA	CH2M
	07/18/2012	1.6	1.8	NA	CH2M
	07/18/2012*	1.7	1.8	NA	CH2M
	10/01/2012	2.5	2.5	NA	CH2M
	01/07/2013	8.0	8.6	NA	CH2M
	04/10/2013	5.6	6.1	NA	CH2M
	07/01/2013	3.4	4.0	NA	CH2M
	01/14/2014	ND (1.0)	0.74	NA	CH2M
	04/09/2014	1.8	1.8	NA	CH2M
	07/10/2014	2.9	3.1	NA	CH2M
	10/16/2014	4.7	5.3	NA	CH2M
	01/06/2015	3.5	3.8	NA	CH2M
	07/06/2015	4.6	4.9	NA	CH2M
	01/06/2016	2.1	2.2	NA	Arcadis
	04/07/2016	2.1	2.1	NA	Arcadis
	07/07/2016	2.5	2.7	NA	Arcadis
	10/05/2016	5.0	4.0	NA	Arcadis
	01/11/2017	5.0	1.3	NA	Arcadis
	04/05/2017	1.8	1.9	NA	Arcadis
	07/12/2017	2.2	2.6	NA	Arcadis
	04/04/2018	1.7	2.0	NA	Arcadis

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 24					
28-22	04/11/2007	1.66	0.948	NA	CH2M
	11/03/2011	1.4	1.2	NA	CH2M
	10/12/2017	ND (1.0)	1.1	NA	Arcadis
	07/19/2018	ND (1.0)	1.2	NA	Arcadis
	10/10/2018	ND (1.0)	1.1	NA	Arcadis
	01/16/2019	ND (1.0)	1.0	NA	Arcadis
	04/03/2019	ND (1.0)	1.2	NA	Arcadis
	07/10/2019	ND (1.0)	1.1	NA	Arcadis
	10/09/2019	ND (1.0)	1.0	NA	Arcadis
	10/09/2019*	ND (1.0)	1.0	NA	Arcadis
	01/15/2020	1.2	1.2	NA	Arcadis
	04/08/2020	1.0	1.0	NA	Arcadis
	07/08/2020	1.1	0.96	NA	Arcadis
	07/08/2020*	1.1	0.96	NA	Arcadis
	10/12/2020	1.3	1.0	NA	Arcadis
	01/13/2021	ND (1.0)	0.54	NA	Arcadis
	04/07/2021	1.1	1.1	NA	Arcadis
No. of Samples: 17					
28-23	04/11/2007	2.16	1.82	NA	CH2M
	11/10/2011	1.4	1.4	NA	CH2M
	01/06/2012	ND (1.0)	0.97	NA	CH2M
	04/02/2012	ND (1.0)	0.75	NA	CH2M
	07/11/2012	1.5	1.7	NA	CH2M
	10/04/2012	1.2	1.3	NA	CH2M
	01/09/2013	1.0	0.96	NA	CH2M
	04/02/2013	1.2	1.3	NA	CH2M
	07/01/2013	ND (1.0)	1.1	NA	CH2M
No. of Samples: 9					
28-25	12/21/2010	2.7	2.3	NA	CH2M
	07/13/2011	2.2	2.2	NA	CH2M
	10/06/2011	2.2	2.2	NA	CH2M
	01/04/2012	1.6	1.7	NA	CH2M
	04/05/2012	1.9	2.0	NA	CH2M
	07/13/2012	2.0	2.1	NA	CH2M
	10/02/2012	2.0	2.0	NA	CH2M
	01/07/2013	1.8	2.0	NA	CH2M
	04/08/2013	2.0	2.0	NA	CH2M
	04/08/2013*	1.9	2.0	NA	CH2M
	07/01/2013	1.8	2.0	NA	CH2M
	10/04/2013	2.0	1.9	NA	CH2M
	01/07/2014	1.9	2.0	NA	CH2M
	04/03/2014	2.0	2.0	NA	CH2M
	07/01/2014	1.9	1.8	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-25	10/06/2014	2.0	2.1	NA	CH2M
	01/13/2015	1.8	1.9	NA	CH2M
	04/02/2015	1.8	1.7	NA	CH2M
No. of Samples:	18				
28-26	01/06/2011	1.3	0.7	NA	CH2M
	12/01/2011	ND (1.0)	0.81	NA	CH2M
	01/19/2012	ND (1.0)	0.68	NA	CH2M
	05/09/2012	ND (1.0)	0.66	NA	CH2M
	05/09/2012*	ND (1.0)	0.66	NA	CH2M
	07/17/2012	ND (1.0)	0.78	NA	CH2M
	03/13/2013	1.1	0.83	NA	CH2M
	10/04/2013	ND (1.0)	0.7	NA	CH2M
No. of Samples:	8				
28-27	01/27/2011	ND (1.0)	0.77	NA	CH2M
	02/03/2012	ND (1.0)	0.6	NA	CH2M
	05/09/2012	ND (1.0)	0.79	NA	CH2M
	07/11/2012	ND (1.0)	0.49	NA	CH2M
No. of Samples:	4				
28-28	03/08/2011	1.2	1.2	NA	CH2M
	04/04/2011	1.4	1.2	NA	CH2M
	08/16/2011	1.1	1.1	NA	CH2M
	10/06/2011	1.3	1.0	NA	CH2M
	10/06/2011*	1.3	1.0	NA	CH2M
	01/04/2012	ND (1.0)	0.81	NA	CH2M
	05/09/2012	1.0	0.63	NA	CH2M
	07/10/2012	ND (1.0)	0.96	NA	CH2M
	10/01/2012	1.2	1.1	NA	CH2M
	01/15/2013	1.1	0.89	NA	CH2M
	04/03/2013	ND (1.0)	0.59	NA	CH2M
	07/08/2013	ND (1.0)	0.79	NA	CH2M
	10/03/2013	1.0	0.89	NA	CH2M
	10/03/2013*	1.0	0.89	NA	CH2M
	01/09/2014	1.1	1.2	NA	CH2M
	04/02/2014	1.0	0.95	NA	CH2M
No. of Samples:	16				
28-30	06/21/2011	ND (1.0)	0.59	NA	CH2M
	10/05/2012	ND (1.0)	0.48	NA	CH2M
No. of Samples:	2				
28-31	06/21/2011	ND (1.0)	0.36	NA	CH2M
No. of Samples:	1				
28-32	06/21/2011	ND (1.0)	0.57	NA	CH2M
	12/16/2011	ND (1.0)	0.38	NA	CH2M
	01/13/2012	ND (1.0)	0.25	NA	CH2M
	05/09/2012	ND (1.0)	0.53	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-32	07/11/2012	ND (1.0)	0.4	NA	CH2M
	10/09/2012	ND (1.0)	0.44	NA	CH2M
	01/18/2013	ND (1.0)	0.57	NA	CH2M
	04/04/2013	ND (1.0)	0.46	NA	CH2M
	07/11/2013	ND (1.0)	0.43	NA	CH2M
No. of Samples: 9					
28-33	11/22/2011	ND (1.0)	0.2	NA	CH2M
	01/13/2012	1.0	1.4	NA	CH2M
	04/25/2012	ND (1.0)	0.92	NA	CH2M
	07/12/2012	ND (1.0)	0.43	NA	CH2M
	10/04/2012	ND (1.0)	0.34	NA	CH2M
	01/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	0.61	NA	CH2M
No. of Samples: 7					
28-34	04/25/2012	ND (1.0)	0.35	NA	CH2M
	07/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/19/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	0.81	NA	CH2M
No. of Samples: 4					
28-35	08/18/2011	1.5	0.95	NA	CH2M
	02/20/2013	1.1	0.67	NA	CH2M
	04/04/2013	ND (1.0)	0.38	NA	CH2M
	04/04/2013*	ND (1.0)	0.39	NA	CH2M
	07/08/2013	1.5	1.5	NA	CH2M
No. of Samples: 5					
28-36	07/13/2011	2.2	1.0	NA	CH2M
	11/11/2011	3.0	0.81	NA	CH2M
	01/20/2012	2.3	0.76	NA	CH2M
	04/25/2012	2.5	0.65	NA	CH2M
	07/10/2012	2.7	2.3	NA	CH2M
	10/04/2012	2.9	1.7	NA	CH2M
	01/09/2013	2.2	0.24	NA	CH2M
	04/04/2013	3.2	2.1	NA	CH2M
	07/01/2013	2.8	1.7	NA	CH2M
	10/03/2013	2.8	2.1	NA	CH2M
	01/14/2014	2.3	0.8	NA	CH2M
	04/02/2014	2.4	0.99	NA	CH2M
	04/02/2014*	2.4	0.96	NA	CH2M
	07/15/2014	2.7	1.2	NA	CH2M
	10/16/2014	2.4	1.8	NA	CH2M
	01/13/2015	2.3	1.2	NA	CH2M
	04/01/2015	2.8	0.96	NA	CH2M
	07/15/2015	2.4	1.6	NA	CH2M
	10/14/2015	2.8	2.0	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-36	01/06/2016	2.8	1.1	NA	Arcadis
	04/06/2016	2.4	0.68	NA	Arcadis
	07/07/2016	2.6	1.5	NA	Arcadis
	10/05/2016	2.7	1.2	NA	Arcadis
	01/11/2017	2.4	0.74	NA	Arcadis
	04/05/2017	2.3	1.0	NA	Arcadis
	07/12/2017	2.1	2.1	NA	Arcadis
	10/04/2017	2.3	1.6	NA	Arcadis
	01/17/2018	2.3	0.74	NA	Arcadis
	04/04/2018	2.1	0.22	NA	Arcadis
	07/11/2018	2.6	1.9	NA	Arcadis
	07/11/2018*	2.7	1.9	NA	Arcadis
	10/10/2018	2.2	1.2	NA	Arcadis
	01/16/2019	1.5	0.1	NA	Arcadis
	03/06/2019	1.7	0.33	NA	Arcadis
	04/03/2019	2.1	0.57	NA	Arcadis
	05/09/2019	1.9	0.96	NA	Arcadis
	07/10/2019	2.6	1.7	NA	Arcadis
	07/10/2019*	2.6	1.7	NA	Arcadis
	10/09/2019	2.3	1.2	NA	Arcadis
	11/05/2019	2.3	0.93	NA	Arcadis
	01/16/2020	2.2	0.72 J	NA	Arcadis
	02/04/2020	1.8	0.26	NA	Arcadis
	04/09/2020	2.4	0.86	NA	Arcadis
	05/07/2020	2.3	0.61	NA	Arcadis
	07/08/2020	2.7	1.2	NA	Arcadis
	09/02/2020	2.8	1.7	NA	Arcadis
	10/09/2020	2.6	1.3	NA	Arcadis
	11/03/2020	2.1	0.56	NA	Arcadis
	01/13/2021	1.3	0.12	NA	Arcadis
	04/07/2021	1.9	0.16	NA	Arcadis
No. of Samples:		50			
28-37	07/14/2011	2.5	3.0	NA	CH2M
	12/16/2011	2.9	3.4	NA	CH2M
	01/18/2012	2.8	2.9	NA	CH2M
	01/18/2012*	2.7	2.9	NA	CH2M
	04/23/2012	2.7	2.9	NA	CH2M
	08/27/2013	3.2	2.9	NA	CH2M
	08/27/2013*	3.2	2.9	NA	CH2M
	10/01/2013	3.5	3.2	NA	CH2M
	01/06/2014	3.2	3.0	NA	CH2M
	04/03/2014	3.2	3.1	NA	CH2M
	07/01/2014	3.0	3.1	NA	CH2M
	10/06/2014	2.9	3.1	NA	CH2M
	01/05/2015	3.0	3.3	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-37	01/05/2015*	3.1	3.2	NA	CH2M
	04/01/2015	3.3	3.1	NA	CH2M
	07/06/2015	3.0	3.1	NA	CH2M
	10/21/2015	2.9	3.1	NA	Arcadis
	01/08/2016	3.0	3.1	NA	Arcadis
	04/06/2016	3.2	2.9	NA	Arcadis
	07/07/2016	3.1	3.1	NA	Arcadis
	10/04/2016	3.0	3.0	NA	Arcadis
	01/11/2017	3.3	3.0	NA	Arcadis
	04/05/2017	3.1	3.1	NA	Arcadis
No. of Samples: 23					
28-38	07/13/2011	2.8	3.1	NA	CH2M
	11/11/2011	3.3	3.1	NA	CH2M
	01/23/2012	2.9	3.0	NA	CH2M
	09/10/2012	3.0	3.2	NA	CH2M
	09/13/2013	ND (1.0)	0.3	NA	CH2M
	10/01/2013	ND (1.0)	0.76	NA	CH2M
	01/06/2014	ND (1.0)	0.6	NA	CH2M
	04/03/2014	2.4	2.4	NA	CH2M
	07/01/2014	2.8	2.9	NA	CH2M
	07/01/2014*	2.8	2.8	NA	CH2M
	10/06/2014	2.7	3.0	NA	CH2M
	01/05/2015	3.1	3.3	NA	CH2M
	04/01/2015	3.4	3.1	NA	CH2M
	07/06/2015	3.1	3.1	NA	CH2M
	10/21/2015	3.7	3.4	NA	Arcadis
	01/08/2016	3.1	3.2	NA	Arcadis
	04/06/2016	3.3	3.1	NA	Arcadis
	07/12/2016	3.1	3.2	NA	Arcadis
	10/05/2016	3.4	3.2	NA	Arcadis
	01/11/2017	3.4	3.1	NA	Arcadis
	04/05/2017	3.4	3.3	NA	Arcadis
No. of Samples: 21					
28-39	09/07/2011	3.1	3.1	NA	CH2M
	01/20/2012	2.8	3.0	NA	CH2M
	02/19/2013	2.7	3.1	NA	CH2M
	04/09/2013	2.0	2.0	NA	CH2M
	07/10/2013	2.4	3.0	NA	CH2M
No. of Samples: 5					
28-40	11/03/2011	1.1	1.2	NA	CH2M
	01/04/2012	1.1	1.1	NA	CH2M
	04/05/2012	1.0	1.2	NA	CH2M
	07/10/2012	ND (1.0)	1.0	NA	CH2M
	10/02/2012	1.1	1.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-40	10/02/2012*	1.2	1.3	NA	CH2M
	01/07/2013	1.1	1.2	NA	CH2M
	04/02/2013	1.1	1.3	NA	CH2M
	07/01/2013	ND (1.0)	1.1	NA	CH2M
	10/04/2013	1.1	1.2	NA	CH2M
	10/04/2013*	1.1	1.1	NA	CH2M
	01/07/2014	1.2	1.2	NA	CH2M
	04/02/2014	1.1	1.2	NA	CH2M
	07/01/2014	1.2	1.1	NA	CH2M
	10/07/2014	1.0	1.2	NA	CH2M
	01/15/2015	1.1	1.2	NA	CH2M
	04/06/2015	1.1	1.1	NA	CH2M
	07/07/2015	1.0	1.1	NA	CH2M
	10/19/2015	1.0	1.2	NA	Arcadis
	10/14/2016	1.1	1.1	NA	Arcadis
	04/04/2018	1.0	1.1	NA	Arcadis
	01/16/2019	1.0	1.0	NA	Arcadis
	04/18/2019	1.1	1.2	NA	Arcadis
	07/10/2019	1.1	1.2	NA	Arcadis
	10/11/2019	1.1	1.1	NA	Arcadis
	01/17/2020	1.1	1.2	NA	Arcadis
	04/09/2020	1.2	1.2	NA	Arcadis
	07/08/2020	1.2	1.2	NA	Arcadis
	10/12/2020	1.3	1.2	NA	Arcadis
	01/13/2021	ND (1.0)	1.1	NA	Arcadis
	04/07/2021	1.6	1.6	NA	Arcadis
No. of Samples: 31					
28-41	11/15/2011	3.0	0.34	NA	CH2M
	01/16/2012	1.9	1.5	NA	CH2M
	05/09/2012	2.6	1.8	NA	CH2M
	05/09/2012*	2.7	1.8	NA	CH2M
	07/10/2012	2.3	2.1	NA	CH2M
	10/04/2012	2.4	2.1	NA	CH2M
	01/09/2013	2.1	1.2	NA	CH2M
	04/04/2013	2.7	1.6	NA	CH2M
	07/09/2013	2.4	2.1	NA	CH2M
	10/04/2013	1.7	0.66	NA	CH2M
No. of Samples: 10					
28-42	12/02/2011	1.4	1.3	NA	CH2M
	01/06/2012	ND (1.0)	1.3	NA	CH2M
	05/10/2012	ND (1.0)	1.1	NA	CH2M
No. of Samples: 3					
28-43	11/30/2011	1.8	1.4	NA	CH2M
	01/06/2012	ND (1.0)	1.1	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-43	05/09/2012	1.0	1.3	NA	CH2M
No. of Samples:	3				
28-45	11/30/2011	3.1	0.32	NA	CH2M
	01/06/2012	ND (1.0)	0.16	NA	CH2M
	04/03/2012	1.5	1.5	NA	CH2M
No. of Samples:	3				
28-46	11/30/2011	1.9	0.29	NA	CH2M
	01/06/2012	2.0	0.32	NA	CH2M
	04/02/2012	1.1	0.33	NA	CH2M
	07/10/2012	1.5	0.73	NA	CH2M
	10/08/2012	1.7	0.88	NA	CH2M
	01/09/2013	ND (1.0)	0.22	NA	CH2M
	04/02/2013	ND (1.0)	0.1	NA	CH2M
No. of Samples:	7				
28-47	11/30/2011	2.4	2.2	NA	CH2M
	03/28/2012	2.1	2.1	NA	CH2M
	07/11/2012	1.9	2.2	NA	CH2M
	07/11/2012*	1.8	2.2	NA	CH2M
	10/09/2012	2.2	2.1	NA	CH2M
	05/08/2013	2.1	2.1	NA	CH2M
	05/08/2013*	2.0	2.1	NA	CH2M
No. of Samples:	7				
28-48	11/30/2011	ND (1.0)	0.2	NA	CH2M
	01/06/2012	ND (1.0)	0.081	NA	CH2M
	10/04/2012	ND (1.0)	0.097	NA	CH2M
No. of Samples:	3				
28-51	12/02/2011	ND (1.0)	ND (0.06)	NA	CH2M
	12/02/2011*	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2012	ND (1.0)	0.099	NA	CH2M
	03/13/2013	ND (1.0)	0.13	NA	CH2M
	05/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	0.064	NA	CH2M
	10/03/2013	ND (1.0)	0.28	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2014	ND (1.0)	0.098	NA	CH2M
	10/16/2014	ND (1.0)	0.25	NA	CH2M
	10/16/2014*	ND (1.0)	0.25	NA	CH2M
	01/06/2015	ND (1.0)	0.12	NA	CH2M
	04/01/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	0.22	NA	CH2M
	10/20/2015	ND (1.0)	0.091	NA	Arcadis
	01/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2016	1.4	ND (0.06)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-51	07/07/2016	ND (1.0)	0.08	NA	Arcadis
	10/05/2016	ND (1.0)	0.16	NA	Arcadis
	01/11/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/12/2017	ND (1.0)	0.17	NA	Arcadis
	10/04/2017	ND (1.0)	0.24	NA	Arcadis
	01/17/2018	ND (1.0)	0.13	NA	Arcadis
	04/04/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/10/2018	ND (1.0)	0.23	NA	Arcadis
	01/16/2019	ND (1.0)	0.07	NA	Arcadis
	04/03/2019	ND (1.0)	0.08	NA	Arcadis
	07/10/2019	ND (1.0)	0.14	NA	Arcadis
	10/09/2019	ND (1.0)	0.13	NA	Arcadis
	04/08/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	10/07/2020	ND (1.0)	0.075	NA	Arcadis
	10/07/2020*	ND (1.0)	0.075	NA	Arcadis
	01/13/2021	ND (1.0)	0.083	NA	Arcadis
No. of Samples: 36					
28-52	12/06/2011	2.7	2.7	NA	CH2M
	01/13/2012	2.2	2.3	NA	CH2M
	05/02/2012	2.3	2.6	NA	CH2M
	07/12/2012	2.6	2.7	NA	CH2M
	10/08/2012	2.5	2.7	NA	CH2M
	08/27/2013	2.5	2.0	NA	CH2M
	10/01/2013	3.2	2.7	NA	CH2M
	01/06/2014	2.6	2.5	NA	CH2M
	04/04/2014	2.8	2.5	NA	CH2M
	07/01/2014	2.2	2.3	NA	CH2M
	10/06/2014	2.1	2.3	NA	CH2M
	01/05/2015	2.7	2.4	NA	CH2M
	04/01/2015	2.5	2.4	NA	CH2M
	07/06/2015	2.3	2.3	NA	CH2M
	10/21/2015	2.5	2.4	NA	Arcadis
	01/11/2016	2.7	2.4	NA	Arcadis
	04/06/2016	2.6	2.3	NA	Arcadis
	07/07/2016	2.5	2.4	NA	Arcadis
	10/04/2016	2.5	2.4	NA	Arcadis
	01/11/2017	2.7	2.3	NA	Arcadis
	04/05/2017	2.6	2.4	NA	Arcadis
No. of Samples: 21					
28-53	12/01/2011	1.7	1.4	NA	CH2M
	01/19/2012	ND (1.0)	0.46	NA	CH2M
	05/02/2012	ND (1.0)	0.66	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-53	07/12/2012	1.8	1.6	NA	CH2M
	10/04/2012	ND (1.0)	0.51	NA	CH2M
	01/25/2013	ND (1.0)	0.64	NA	CH2M
	04/04/2013	ND (1.0)	0.67	NA	CH2M
	07/09/2013	ND (1.0)	0.62	NA	CH2M
	10/03/2013	1.1	0.96	NA	CH2M
	04/03/2014	ND (1.0)	0.89	NA	CH2M
No. of Samples: 10					
28-54	12/01/2011	1.3	1.0	NA	CH2M
	01/19/2012	ND (1.0)	0.98	NA	CH2M
	05/16/2012	ND (1.0)	1.0	NA	CH2M
No. of Samples: 3					
28-55	12/06/2011	1.2	0.95	NA	CH2M
	06/27/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 2					
28-57	12/02/2011	1.3	0.7	NA	CH2M
	01/17/2012	ND (1.0)	0.65	NA	CH2M
	04/02/2012	ND (1.0)	0.64	NA	CH2M
	04/02/2012*	ND (1.0)	0.63	NA	CH2M
	07/20/2012	ND (1.0)	0.73	NA	CH2M
	10/04/2012	ND (1.0)	0.62	NA	CH2M
No. of Samples: 6					
28-58	12/02/2011	1.6	1.2	NA	CH2M
No. of Samples: 1					
28-61	12/01/2011	ND (1.0)	0.44	NA	CH2M
	12/01/2011*	ND (1.0)	0.5	NA	CH2M
	01/18/2012	ND (1.0)	0.28	NA	CH2M
	04/02/2012	ND (1.0)	0.3	NA	CH2M
	07/13/2012	ND (1.0)	0.29	NA	CH2M
	10/04/2012	ND (1.0)	0.28	NA	CH2M
	10/04/2012*	ND (1.0)	0.27	NA	CH2M
	01/17/2013	ND (1.0)	0.42	NA	CH2M
No. of Samples: 8					
28-62	12/01/2011	ND (1.0)	0.22	NA	CH2M
	01/20/2012	ND (1.0)	0.42	NA	CH2M
	01/09/2013	ND (1.0)	0.11	NA	CH2M
	04/10/2013	ND (1.0)	0.25	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	0.35	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2015	ND (1.0)	0.55	NA	CH2M
	04/01/2015	ND (1.0)	0.23	NA	CH2M
	07/07/2015	ND (1.0)	0.26	NA	CH2M
	07/07/2015*	ND (1.0)	0.23	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-62	10/14/2015	ND (1.0)	0.26	NA	Arcadis
	01/06/2016	ND (1.0)	0.58	NA	Arcadis
	04/06/2016	ND (1.0)	0.52	NA	Arcadis
	07/07/2016	ND (1.0)	0.44	NA	Arcadis
	10/05/2016	ND (1.0)	0.26	NA	Arcadis
No. of Samples: 16					
28-63	12/15/2011	1.3	1.0	NA	CH2M
	06/13/2012	1.3	1.0	NA	CH2M
	10/04/2012	1.3	1.1	NA	CH2M
	10/04/2012*	1.2	0.95	NA	CH2M
No. of Samples: 4					
28-65	01/11/2012	3.0	3.0	NA	CH2M
	06/05/2012	2.0	0.074	NA	CH2M
	02/19/2013	3.8	2.7	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	1.6	1.8	NA	CH2M
	01/13/2014	4.6	5.1	NA	CH2M
	04/09/2014	4.5	4.8	NA	CH2M
No. of Samples: 7					
28-66	01/11/2012	3.5	3.9	NA	CH2M
	01/31/2012	3.3	3.6	NA	CH2M
	07/16/2012	3.1	3.5	NA	CH2M
	08/27/2013	1.8	1.7	NA	CH2M
	10/01/2013	2.4	2.0	NA	CH2M
	01/06/2014	2.3	2.3	NA	CH2M
	01/06/2014*	2.2	2.3	NA	CH2M
	04/04/2014	3.1	2.6	NA	CH2M
	07/02/2014	2.7	2.6	NA	CH2M
	10/07/2014	2.8	3.0	NA	CH2M
	01/05/2015	3.1	3.1	NA	CH2M
	04/01/2015	3.4	3.0	NA	CH2M
	07/06/2015	3.3	3.6	NA	CH2M
	10/20/2015	3.0	3.5	NA	Arcadis
	01/11/2016	4.1	3.9	NA	Arcadis
	04/07/2016	3.8	3.9	NA	Arcadis
	07/12/2016	4.0	4.1	NA	Arcadis
	10/05/2016	3.9	3.5	NA	Arcadis
	01/16/2017	4.0	3.9	NA	Arcadis
	04/06/2017	3.7	3.9	NA	Arcadis
No. of Samples: 20					
28-67	01/11/2012	ND (1.0)	0.14	NA	CH2M
	09/06/2012	ND (1.0)	0.23	NA	CH2M
	03/12/2013	ND (1.0)	0.074	NA	CH2M
	04/03/2013	ND (1.0)	0.091	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
<i>No. of Samples:</i> 4					
28-68	01/18/2012	1.6	1.8	NA	CH2M
	10/17/2012	1.5	1.6	NA	CH2M
<i>No. of Samples:</i> 2					
28-70	08/09/2012	ND (1.0)	1.1	NA	CH2M
<i>No. of Samples:</i> 1					
28-71	07/18/2012	ND (1.0)	0.96	NA	CH2M
	02/19/2013	ND (1.0)	0.93	NA	CH2M
<i>No. of Samples:</i> 2					
28-72	07/17/2012	ND (1.0)	ND (0.06 J)	NA	CH2M
	10/02/2012	ND (1.0)	0.07	NA	CH2M
	01/10/2013	ND (1.0)	0.29	NA	CH2M
	04/11/2013	ND (1.0)	0.11	NA	CH2M
	04/11/2013*	ND (1.0)	0.12	NA	CH2M
	07/10/2013	ND (1.0)	0.2	NA	CH2M
	01/15/2014	ND (1.0)	0.2	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
<i>No. of Samples:</i> 8					
28-73	07/18/2012	2.8	3.0	NA	CH2M
	02/19/2013	2.7	3.1	NA	CH2M
	04/08/2013	3.0	3.0	NA	CH2M
<i>No. of Samples:</i> 3					
28-74	07/18/2012	2.9	2.9	NA	CH2M
	02/19/2013	2.6	3.0	NA	CH2M
	04/08/2013	3.0	3.0	NA	CH2M
	07/03/2013	2.7	3.0	NA	CH2M
	10/03/2013	2.8	3.0	NA	CH2M
	10/03/2013*	3.1	3.0	NA	CH2M
	01/13/2014	2.8	2.9	NA	CH2M
	04/02/2014	2.6	3.0	NA	CH2M
	07/09/2014	3.0	2.9	NA	CH2M
<i>No. of Samples:</i> 9					
28-75	10/11/2012	ND (1.0)	0.32	NA	CH2M
	01/10/2013	1.6	1.5	NA	CH2M
	04/04/2013	1.8	1.7	NA	CH2M
	07/10/2013	1.1	1.3	NA	CH2M
	07/17/2020	ND (1.0)	ND (0.21)	NA	Arcadis
	10/12/2020	ND (1.0)	0.17	NA	Arcadis
	01/13/2021	ND (1.0)	0.22	NA	Arcadis
	04/07/2021	ND (1.0)	0.57	NA	Arcadis
<i>No. of Samples:</i> 8					
28-76	10/09/2012	ND (1.0)	0.91	NA	CH2M
	10/10/2018	ND (1.0)	1.2	NA	Arcadis
	10/10/2018*	ND (1.0)	1.1	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-76	07/09/2019	ND (1.0)	0.77	NA	Arcadis
No. of Samples:	4				
28-77	02/19/2013	ND (1.0)	0.46	NA	CH2M
	04/03/2013	ND (1.0)	0.33	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	3				
28-78	03/11/2013	1.4	1.5	NA	CH2M
	07/15/2013	1.4	1.5	NA	CH2M
	10/15/2013	1.2	1.5	NA	CH2M
	01/16/2014	1.3	1.5	NA	CH2M
	04/11/2014	1.5	1.6	NA	CH2M
	07/10/2014	1.4	1.4	NA	CH2M
	07/10/2014*	1.4	1.5	NA	CH2M
No. of Samples:	7				
28-79	03/13/2013	1.4	1.2	NA	CH2M
	04/04/2013	ND (1.0)	0.78	NA	CH2M
	07/10/2013	ND (1.0)	0.99	NA	CH2M
	10/03/2013	1.2	1.1	NA	CH2M
	01/13/2014	ND (1.0)	1.1	NA	CH2M
No. of Samples:	5				
28-80	10/08/2012	ND (1.0)	0.41	NA	CH2M
	01/14/2013	ND (1.0)	0.39	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	3				
28-81	03/05/2013	1.7	1.6	NA	CH2M
	05/08/2013	1.6	1.6	NA	CH2M
	07/18/2013	2.0	2.2	NA	CH2M
	07/18/2013*	2.0	2.2	NA	CH2M
No. of Samples:	4				
28-82	03/05/2013	1.3	1.6	NA	CH2M
	04/08/2013	1.5	1.7	NA	CH2M
	07/01/2013	1.3	1.6	NA	CH2M
	10/07/2013	1.7	1.8	NA	CH2M
	10/09/2019	1.1	1.4	NA	Arcadis
	01/15/2020	1.6	1.6	NA	Arcadis
	01/15/2020*	1.6	1.7	NA	Arcadis
	04/08/2020	1.3	1.3	NA	Arcadis
	07/08/2020	1.6	1.3	NA	Arcadis
	10/07/2020	ND (1.0)	0.71	NA	Arcadis
	01/13/2021	1.2	1.3	NA	Arcadis
	04/07/2021	1.6	1.4	NA	Arcadis
No. of Samples:	12				
28-83	05/02/2013	ND (1.0)	0.37	NA	CH2M
	07/08/2013	ND (1.0)	0.59	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-83	10/04/2013	1.9	2.0	NA	CH2M
	01/14/2014	2.0	2.2	NA	CH2M
	04/04/2014	2.2	2.2	NA	CH2M
No. of Samples:	5				
28-85	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	0.59	NA	CH2M
No. of Samples:	2				
28-86	04/11/2013	ND (1.0)	0.67	NA	CH2M
	07/02/2013	ND (1.0)	0.62	NA	CH2M
	10/03/2013	1.2	1.1	NA	CH2M
	01/13/2014	ND (1.0)	0.48	NA	CH2M
	04/03/2014	ND (1.0)	0.48	NA	CH2M
No. of Samples:	5				
28-87	05/07/2013	1.0	0.95	NA	CH2M
	07/12/2013	ND (1.0)	1.1	NA	CH2M
	10/03/2013	1.1	1.0	NA	CH2M
	10/03/2013*	1.0	1.0	NA	CH2M
	04/03/2014	ND (1.0)	0.98	NA	CH2M
No. of Samples:	5				
28-88	08/08/2013	2.3	2.5	NA	CH2M
	10/03/2013	2.5	2.4	NA	CH2M
	01/13/2014	2.2	2.4	NA	CH2M
	04/02/2014	2.1	2.4	NA	CH2M
	07/09/2014	2.3	2.3	NA	CH2M
	10/14/2014	2.1	2.3	NA	CH2M
	04/01/2015	2.4	2.3	NA	CH2M
No. of Samples:	7				
28-89	08/08/2013	2.8	3.0	NA	CH2M
	01/06/2014	2.9	2.9	NA	CH2M
No. of Samples:	2				
28-90	08/08/2013	ND (1.0)	0.62	NA	CH2M
	01/06/2014	ND (1.0)	0.22	NA	CH2M
No. of Samples:	2				
28N-01	07/31/2012	3.7	3.8	NA	CH2M
	07/31/2012*	3.6	3.8	NA	CH2M
No. of Samples:	2				
28N-02	07/31/2012	3.9	4.1	NA	CH2M
No. of Samples:	1				
28N-03	07/31/2012	3.7	4.1	NA	CH2M
No. of Samples:	1				
28N-04	07/31/2012	4.0	4.3	NA	CH2M
	02/20/2013	2.2	2.1	NA	CH2M
	04/03/2013	3.7	3.2	NA	CH2M
	07/01/2013	3.9	4.3	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28N-04	01/16/2014	4.0	4.3	NA	CH2M
	04/03/2014	2.8	ND (0.06)	NA	CH2M
	07/02/2014	3.9	4.0	NA	CH2M
	10/12/2015	3.6	3.9	NA	Arcadis
	04/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	10/12/2020	4.8	4.4	NA	Arcadis
	04/12/2021	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples: 11					
28N-05	07/31/2012	3.9	4.1	NA	CH2M
	02/20/2013	3.2	3.8	NA	CH2M
	04/03/2013	3.7	3.7	NA	CH2M
	07/01/2013	3.9	4.1	NA	CH2M
	10/01/2013	4.1	4.3	NA	CH2M
	01/16/2014	3.5	3.7	NA	CH2M
	04/03/2014	3.6	3.7	NA	CH2M
	07/02/2014	3.6	3.9	NA	CH2M
	04/13/2015	3.6	3.6	NA	CH2M
	04/13/2015*	3.5	3.6	NA	CH2M
	07/06/2015	3.9	4.2	NA	CH2M
	10/12/2015	3.5	3.6	NA	Arcadis
	04/11/2016	3.2	3.4	NA	Arcadis
	10/07/2016	4.2	4.0	NA	Arcadis
	04/10/2017	3.2	3.5	NA	Arcadis
	10/09/2017	3.8	4.1	NA	Arcadis
	04/09/2018	3.1	3.5	NA	Arcadis
	10/15/2018	3.5	3.7	NA	Arcadis
	04/08/2019	3.5	3.6	NA	Arcadis
	10/14/2019	4.1	4.1	NA	Arcadis
	04/13/2020	3.3	3.4	NA	Arcadis
	10/12/2020	3.7	3.4	NA	Arcadis
	04/12/2021	3.1	3.4	NA	Arcadis
No. of Samples: 23					
28N-06	08/02/2012	3.4	3.7	NA	CH2M
No. of Samples: 1					
28N-07	09/05/2012	3.8	4.0	NA	CH2M
	02/19/2013	3.3	4.0	NA	CH2M
	04/09/2013	4.0	4.0	NA	CH2M
	04/09/2013*	4.0	4.0	NA	CH2M
	07/01/2013	3.5	3.9	NA	CH2M
No. of Samples: 5					
30E-01	10/19/2006	1.16	1.22	NA	CH2M
	08/27/2009	1.49	1.48	NA	CH2M
	12/07/2010	2.0	1.7	NA	CH2M
	03/10/2011	1.8	1.9	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
30E-01	09/06/2011	2.1	1.8	NA	CH2M
	11/18/2011	1.9	1.9	NA	CH2M
	01/03/2012	2.0	2.0	NA	CH2M
	04/03/2012	1.6	1.7	NA	CH2M
	07/12/2012	1.7	1.6	NA	CH2M
	10/02/2012	1.6	1.7	NA	CH2M
	01/09/2013	1.5	2.0	NA	CH2M
	01/09/2013*	1.5	2.0	NA	CH2M
	04/02/2013	1.3	1.6	NA	CH2M
	07/08/2013	1.6	1.8	NA	CH2M
	10/02/2013	1.3	1.3	NA	CH2M
	01/10/2014	1.7	1.7	NA	CH2M
	01/10/2014*	1.7	1.7	NA	CH2M
	04/02/2014	1.3	1.5	NA	CH2M
	07/08/2014	1.8	1.8	NA	CH2M
	10/15/2014	1.5	1.6	NA	CH2M
	01/14/2015	1.6	2.1	NA	CH2M
	04/09/2015	1.2	1.2	NA	CH2M
	07/10/2015	1.2	1.3	NA	CH2M
	10/13/2015	1.7	1.7	NA	Arcadis
	01/05/2016	1.5	1.6	NA	Arcadis
	04/05/2016	1.8	1.7	NA	Arcadis
	07/06/2016	1.8	1.7	NA	Arcadis
	10/04/2016	1.8	1.8	NA	Arcadis
	01/10/2017	1.9	1.8	NA	Arcadis
	04/04/2017	1.7	1.8	NA	Arcadis
	07/11/2017	1.4	1.7	NA	Arcadis
	10/03/2017	1.7	1.9	NA	Arcadis
	01/16/2018	1.6	1.7	NA	Arcadis
	04/04/2018	1.4	1.5	NA	Arcadis
	07/10/2018	1.5	1.6	NA	Arcadis
	10/09/2018	1.2	1.2	NA	Arcadis
	01/15/2019	1.8	1.7	NA	Arcadis
	04/02/2019	1.7	1.7	NA	Arcadis
	07/09/2019	1.6	1.7	NA	Arcadis
	10/08/2019	1.6	1.8	NA	Arcadis
	01/14/2020	1.8	2.0	NA	Arcadis
	04/07/2020	1.7	2.3	NA	Arcadis
	07/07/2020	1.7	2.0	NA	Arcadis
No. of Samples: 43					
30E-02	04/10/2007	ND (1.0)	0.934	NA	CH2M
	10/27/2011	2.3	2.2	NA	CH2M
	01/03/2012	2.1	2.1	NA	CH2M
	05/03/2012	3.8	3.9	NA	CH2M
	07/13/2012	2.0	1.7	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
30E-02	10/02/2012	2.1	2.1	NA	CH2M
No. of Samples: 6					
30E-03	11/15/2011	2.0	1.8	NA	CH2M
	01/03/2012	1.6	1.6	NA	CH2M
	04/26/2012	1.5	1.8	NA	CH2M
	07/16/2012	1.4	1.7	NA	CH2M
	10/05/2012	1.7	1.6	NA	CH2M
	01/09/2013	1.8	1.9	NA	CH2M
No. of Samples: 6					
30E-05	10/20/2011	2.4	2.2	NA	CH2M
	01/04/2012	1.9	1.7	NA	CH2M
	05/02/2012	1.7	1.8	NA	CH2M
	07/12/2012	2.0	1.6	NA	CH2M
	07/12/2012*	2.1	1.6	NA	CH2M
	10/18/2012	1.7	1.7	NA	CH2M
	04/02/2013	1.6	1.7	NA	CH2M
	10/03/2013	1.7	1.6	NA	CH2M
	01/14/2014	1.8	1.9	NA	CH2M
	04/02/2014	1.7	1.6	NA	CH2M
	07/10/2014	1.9	1.9	NA	CH2M
	10/16/2014	1.7	1.7	NA	CH2M
	10/16/2014*	1.8	1.7	NA	CH2M
No. of Samples: 13					
30E-06	11/16/2011	2.1	2.2	NA	CH2M
	01/03/2012	2.0	2.1	NA	CH2M
	01/03/2012*	2.0	2.1	NA	CH2M
	07/18/2012	2.1	2.3	NA	CH2M
	10/03/2012	2.1	1.9	NA	CH2M
	04/11/2013	2.3	2.3	NA	CH2M
	07/02/2013	2.3	2.1	NA	CH2M
No. of Samples: 7					
30E-08	11/08/2012	1.5	1.3	NA	CH2M
	01/10/2013	1.9	1.9	NA	CH2M
No. of Samples: 2					
30E-09	07/09/2012	1.9	2.0	NA	CH2M
	10/02/2012	2.2	2.2	NA	CH2M
	10/02/2012*	2.2	2.0	NA	CH2M
No. of Samples: 3					
30E-11	02/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 1					
30E-12	10/17/2012	2.1	2.1	NA	CH2M
	01/10/2013	1.7	1.5	NA	CH2M
	05/02/2013	1.8	2.0	NA	CH2M
	06/04/2013	1.8	1.8	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
30E-12	07/11/2013	2.1	2.3	NA	CH2M
	08/06/2013	2.1	2.1	NA	CH2M
	09/13/2013	2.0	1.9	NA	CH2M
	10/03/2013	2.1	2.1	NA	CH2M
	10/03/2013*	1.9	2.1	NA	CH2M
	01/09/2014	2.0	2.0	NA	CH2M
	04/02/2014	1.9	1.9	NA	CH2M
	07/10/2014	1.7	1.6	NA	CH2M
	10/16/2014	2.1	2.1	NA	CH2M
	01/14/2015	1.5	1.5	NA	CH2M
	01/14/2015*	1.4	1.4	NA	CH2M
	04/09/2015	1.6	1.4	NA	CH2M
	07/13/2015	1.9	2.1	NA	CH2M
	10/14/2015	2.0	1.9	NA	Arcadis
	07/17/2017	1.7	1.8	NA	Arcadis
	01/16/2018	1.7	0.88	NA	Arcadis
	04/03/2018	1.8	1.6	NA	Arcadis
	07/10/2018	1.9	1.8	NA	Arcadis
	10/09/2018	2.1	2.0	NA	Arcadis
	01/15/2019	2.0	1.6	NA	Arcadis
	04/02/2019	1.9	2.0	NA	Arcadis
	07/09/2019	1.6	1.7	NA	Arcadis
	10/08/2019	2.2	2.0	NA	Arcadis
	01/14/2020	1.8	1.7	NA	Arcadis
	04/07/2020	1.2	1.1	NA	Arcadis
	07/13/2020	1.6	0.74	NA	Arcadis
	10/06/2020	2.3	2.0	NA	Arcadis
	02/02/2021	2.3	2.0	NA	Arcadis
	04/06/2021	2.1	2.2	NA	Arcadis
No. of Samples:		33			
31E-03	11/15/2011	2.0	2.0	NA	CH2M
	01/04/2012	1.1	1.1	NA	CH2M
	07/18/2012	ND (1.0)	0.9	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	04/02/2013	ND (1.0)	0.31	NA	CH2M
No. of Samples:		6			
31E-06	02/10/2012	ND (1.0)	0.44	NA	CH2M
No. of Samples:		1			
31E-07	07/18/2012	1.5	1.5	NA	CH2M
	10/02/2012	1.0	0.87	NA	CH2M
	01/09/2013	ND (1.0)	0.98	NA	CH2M
	04/02/2013	1.3	1.4	NA	CH2M
	07/02/2013	1.4	1.4	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
31E-07	10/03/2013	1.4	1.5	NA	CH2M
	01/07/2014	1.2	1.2	NA	CH2M
	04/02/2014	ND (1.0)	0.88	NA	CH2M
	07/07/2014	1.2	1.3	NA	CH2M
	07/07/2014*	1.2	1.3	NA	CH2M
	10/09/2014	1.2	1.4	NA	CH2M
	01/13/2015	1.2	1.4	NA	CH2M
	04/09/2015	1.4	1.4	NA	CH2M
	07/10/2015	1.3	1.3	NA	CH2M
	10/08/2015	1.3	1.3	NA	Arcadis
	01/15/2019	2.0	1.8	NA	Arcadis
	07/09/2019	2.5	2.7	NA	Arcadis
	10/08/2019	1.9	1.9	NA	Arcadis
	01/22/2020	1.8	2.0	NA	Arcadis
	04/07/2020	1.9	2.0	NA	Arcadis
	07/07/2020	1.1	1.7	NA	Arcadis
	10/06/2020	2.3	2.0	NA	Arcadis
	04/06/2021	1.9	2.0	NA	Arcadis
No. of Samples: 23					
33-02	01/04/2011	1.3	0.6	NA	CH2M
	11/29/2011	1.8	0.48	NA	CH2M
	01/18/2012	ND (1.0)	0.21	NA	CH2M
	05/02/2012	ND (1.0)	0.33	NA	CH2M
	07/12/2012	ND (1.0)	0.52	NA	CH2M
	10/08/2012	ND (1.0)	0.5	NA	CH2M
	01/14/2013	ND (1.0)	0.13	NA	CH2M
No. of Samples: 7					
33-03	12/15/2011	ND (1.0)	0.099	NA	CH2M
	01/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	0.2	NA	CH2M
	10/04/2012	ND (1.0)	0.17	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	0.13	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2014	ND (1.0)	0.13	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 15					
33-09	04/20/2012	ND (1.0)	0.49	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-09	04/10/2013	ND (1.0)	0.52	NA	CH2M
	07/09/2013	ND (1.0)	0.62	NA	CH2M
	10/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/06/2014	ND (1.0)	0.5	NA	CH2M
	04/01/2014	ND (1.0)	0.71	NA	CH2M
	07/15/2014	ND (1.0)	0.47	NA	CH2M
	10/14/2014	ND (1.0)	0.41	NA	CH2M
	01/14/2015	ND (1.0)	0.42	NA	CH2M
	05/06/2015	ND (1.0)	0.45	NA	CH2M
	07/15/2015	ND (1.0)	0.49	NA	CH2M
	07/15/2015*	ND (1.0)	0.55	NA	CH2M
	10/07/2015	ND (1.0)	0.56	NA	Arcadis
No. of Samples:		13			
33-10	04/19/2012	ND (1.0)	0.7	NA	CH2M
	04/08/2013	ND (1.0)	0.77	NA	CH2M
	07/03/2013	ND (1.0)	0.8	NA	CH2M
	10/09/2013	ND (1.0)	0.64	NA	CH2M
	01/15/2014	ND (1.0)	0.69	NA	CH2M
	01/15/2014*	ND (1.0)	0.7	NA	CH2M
	04/01/2014	ND (1.0)	0.73	NA	CH2M
	07/14/2014	ND (1.0)	0.66	NA	CH2M
	10/16/2014	ND (1.0)	0.72	NA	CH2M
	01/14/2015	ND (1.0)	0.68	NA	CH2M
	06/23/2015	ND (1.0)	0.68	NA	CH2M
	07/14/2015	ND (1.0)	0.8	NA	CH2M
	10/15/2015	ND (1.0)	0.73	NA	Arcadis
No. of Samples:		13			
33-11	12/15/2011	5.0	4.6	NA	CH2M
	12/15/2011*	5.1	4.6	NA	CH2M
	01/19/2012	4.8	3.6	NA	CH2M
	05/03/2012	5.0	4.0	NA	CH2M
	07/16/2012	5.1	5.0	NA	CH2M
	10/01/2012	6.1	5.3	NA	CH2M
	01/07/2013	3.7	1.7	NA	CH2M
	04/04/2013	3.9	1.5	NA	CH2M
	07/09/2013	4.5	3.0	NA	CH2M
	10/10/2013	4.3	2.6	NA	CH2M
	01/13/2014	2.0	0.64	NA	CH2M
	04/01/2014	2.6	1.1	NA	CH2M
	07/16/2014	5.4	5.0	NA	CH2M
	10/14/2014	4.3	2.2	NA	CH2M
No. of Samples:		14			
33-18	07/07/2011	ND (1.0)	0.52	NA	CH2M
	11/29/2011	ND (1.0)	0.11	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-18	01/11/2012	ND (1.0)	0.16	NA	CH2M
	04/03/2012	ND (1.0)	0.16	NA	CH2M
	07/13/2012	ND (1.0)	0.31	NA	CH2M
	10/05/2012	ND (1.0)	0.44	NA	CH2M
No. of Samples: 6					
33-19	11/03/2011	ND (1.0)	0.25	NA	CH2M
	01/19/2012	ND (1.0)	0.18	NA	CH2M
	05/09/2012	ND (1.0)	0.2	NA	CH2M
	07/10/2012	ND (1.0)	0.18	NA	CH2M
	07/10/2012*	ND (1.0)	0.19	NA	CH2M
	10/05/2012	ND (1.0)	0.15	NA	CH2M
	01/09/2013	ND (1.0)	0.13	NA	CH2M
	04/01/2013	ND (1.0)	0.18	NA	CH2M
	07/09/2013	ND (1.0)	0.24	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 11					
33-20	11/03/2011	1.1	1.1	NA	CH2M
	01/17/2012	ND (1.0)	0.1	NA	CH2M
	05/09/2012	ND (1.0)	0.42	NA	CH2M
	05/09/2012*	ND (1.0)	0.41	NA	CH2M
	07/10/2012	ND (1.0)	0.65	NA	CH2M
	10/05/2012	ND (1.0)	0.12	NA	CH2M
	10/05/2012*	ND (1.0)	0.12	NA	CH2M
	01/10/2013	ND (1.0)	0.86	NA	CH2M
	04/01/2013	ND (1.0)	0.72	NA	CH2M
	07/09/2013	ND (1.0)	0.47	NA	CH2M
	10/02/2013	ND (1.0)	0.94	NA	CH2M
	01/07/2014	ND (1.0)	0.9	NA	CH2M
No. of Samples: 12					
33-21	12/15/2011	ND (1.0)	0.08	NA	CH2M
	01/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	1.5	1.6	NA	CH2M
	10/01/2012	1.1	0.75	NA	CH2M
	01/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	0.7	NA	CH2M
	10/02/2013	ND (1.0)	0.069	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	0.21	NA	CH2M
	07/07/2014	1.0	1.1	NA	CH2M
	10/14/2014	ND (1.0)	0.24	NA	CH2M
No. of Samples: 13					

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-22	03/09/2012	1.4	1.5	NA	CH2M
No. of Samples:	1				
33-23	05/04/2012	ND (1.0)	0.25	NA	CH2M
	07/10/2012	5.0	0.074	NA	CH2M
	07/24/2012	ND (1.0)	0.73	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2013	ND (1.0)	0.44	NA	CH2M
No. of Samples:	5				
33-24	07/19/2012	1.3	1.2	NA	CH2M
	10/01/2012	1.0	0.93	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	3				
33-25	07/19/2012	2.1	2.3	NA	CH2M
	10/01/2012	2.6	2.3	NA	CH2M
	01/15/2013	2.6	2.4	NA	CH2M
	04/04/2013	2.7	2.4	NA	CH2M
	07/08/2013	2.4	2.5	NA	CH2M
	10/03/2013	2.5	2.5	NA	CH2M
	01/09/2014	2.0	2.1	NA	CH2M
	07/02/2014	2.1	0.67	NA	CH2M
No. of Samples:	8				
33-26	07/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	2.2	2.2	NA	CH2M
	04/04/2013	3.0	2.4	NA	CH2M
	07/08/2013	2.8	2.9	NA	CH2M
	10/03/2013	3.7	3.6	NA	CH2M
	10/03/2013*	4.1	3.6	NA	CH2M
	01/09/2014	3.2	2.5	NA	CH2M
	04/02/2014	2.2	1.6	NA	CH2M
	07/02/2014	ND (1.0)	0.28	NA	CH2M
	09/05/2018	4.0	2.4	NA	Arcadis
No. of Samples:	11				
33-27	09/05/2012	1.7	1.8	NA	CH2M
	10/01/2012	1.9	1.8	NA	CH2M
	01/08/2013	1.9	1.9	NA	CH2M
	04/01/2013	1.5	1.7	NA	CH2M
	07/09/2013	1.7	1.9	NA	CH2M
	10/02/2013	1.9	1.8	NA	CH2M
	01/09/2014	1.8	1.8	NA	CH2M
	04/03/2014	2.0	1.7	NA	CH2M
	04/03/2014*	1.8	1.5	NA	CH2M
	07/02/2014	1.5	1.5	NA	CH2M
	10/09/2014	1.7	1.8	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-27	06/24/2015	1.6	1.6	NA	CH2M
	07/15/2015	1.3	1.7	NA	CH2M
	10/19/2015	1.5	1.6	NA	Arcadis
No. of Samples: 14					
33-28	03/05/2013	ND (1.0)	0.83	NA	CH2M
	04/10/2013	1.0	NA	NA	CH2M
	07/09/2013	ND (1.0)	1.0	NA	CH2M
	07/09/2013*	ND (1.0)	0.99	NA	CH2M
	10/07/2013	ND (1.0)	0.67	NA	CH2M
	01/06/2014	ND (1.0)	0.77	NA	CH2M
	04/01/2014	ND (1.0)	0.8	NA	CH2M
	07/15/2014	ND (1.0)	0.75	NA	CH2M
	10/14/2014	ND (1.0)	0.8	NA	CH2M
	01/14/2015	ND (1.0)	0.82	NA	CH2M
	05/06/2015	ND (1.0)	0.77	NA	CH2M
	07/15/2015	ND (1.0)	0.93	NA	CH2M
	10/19/2015	ND (1.0)	0.88	NA	Arcadis
No. of Samples: 13					
33-30	03/05/2013	ND (1.0)	0.78	NA	CH2M
	04/09/2013	ND (1.0)	0.7	NA	CH2M
	07/09/2013	ND (1.0)	0.9	NA	CH2M
	10/07/2013	ND (1.0)	0.7	NA	CH2M
	01/15/2014	ND (1.0)	0.78	NA	CH2M
	01/15/2014*	ND (1.0)	0.77	NA	CH2M
	04/02/2014	ND (1.0)	0.61	NA	CH2M
	07/02/2014	ND (1.0)	0.74	NA	CH2M
	10/09/2014	ND (1.0)	0.59	NA	CH2M
	01/19/2015	ND (1.0)	0.58	NA	CH2M
No. of Samples: 10					
33-31	03/05/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 2					
33-32	02/19/2013	1.7	1.9	NA	CH2M
	04/10/2013	1.3	0.73	NA	CH2M
No. of Samples: 2					
33E-01	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 1					
33N-01	12/04/2012	3.1	2.8	NA	CH2M
	01/10/2013	3.0	3.1	NA	CH2M
	04/03/2013	3.0	3.0	NA	CH2M
	04/03/2013*	3.0	3.1	NA	CH2M
	07/09/2013	2.5	2.5	NA	CH2M
	10/03/2013	2.4	2.4	NA	CH2M
	01/14/2014	2.8	3.0	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33N-01	04/02/2014	2.7	2.4	NA	CH2M
	10/14/2014	2.3	2.1	NA	CH2M
	01/06/2015	3.1	2.8	NA	CH2M
	04/07/2015	2.7	2.7	NA	CH2M
	07/06/2015	2.7	2.8	NA	CH2M
	10/16/2015	2.0	1.9	NA	Arcadis
No. of Samples:		13			
33N-02	02/20/2013	3.6	3.7	NA	CH2M
	04/03/2013	3.4	3.7	NA	CH2M
	07/01/2013	3.2	3.3	NA	CH2M
	10/03/2013	3.3	3.6	NA	CH2M
	01/09/2014	3.6	3.7	NA	CH2M
	07/02/2014	3.4	3.5	NA	CH2M
No. of Samples:		6			
34-01	01/26/2004	1.3	ND (0.2)	NA	CH2M
	08/25/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/18/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/13/2006	1.11	ND (0.2)	NA	CH2M
	08/10/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/07/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/19/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2007	2.24	ND (0.2)	NA	CH2M
	10/17/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008*	ND (1.0 J)	ND (0.2)	NA	CH2M
	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
	03/25/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	0.31	NA	CH2M
	08/03/2010	ND (1.0)	0.54	NA	CH2M
	10/26/2010	ND (1.0)	0.32	NA	CH2M
	01/24/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/07/2011	ND (1.0)	0.29	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2011	ND (1.0)	0.098	NA	CH2M
	01/09/2012	ND (1.0)	0.072	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-01	04/05/2012	ND (1.0)	0.42	NA	CH2M
	07/24/2012	ND (1.0)	0.49	NA	CH2M
No. of Samples:	32				
34-02	06/16/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-03	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	07/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	08/16/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	11/19/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/13/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/23/2002	1.4	ND (0.2)	NA	CH2M
	02/19/2002	2.3	ND (0.2)	NA	CH2M
	03/27/2002	1.6	ND (0.2)	NA	CH2M
	04/24/2002	2.4	ND (0.2)	NA	CH2M
	05/21/2002	1.8	ND (0.2)	NA	CH2M
	06/26/2002	ND (1.0)	ND (0.2 J)	NA	CH2M
	07/23/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2002	1.6	ND (0.2)	NA	CH2M
	10/16/2002	1.5	ND (0.2)	NA	CH2M
	11/13/2002	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2006	2.92	ND (0.2)	NA	CH2M
No. of Samples:	18				
34-05	05/30/2006	ND (1.0)	ND (0.2)	NA	CH2M
	03/08/2011	ND (1.0)	ND (0.2 J)	NA	CH2M
	03/08/2011*	1.5	1.1 J	NA	CH2M
No. of Samples:	3				
34-06	01/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	01/17/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/21/2010	ND (1.0)	ND (0.2)	NA	CH2M
	03/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/17/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-06	10/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		20			
34-08	05/30/2006	1.8	ND (0.2)	NA	CH2M
	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/09/2010	ND (1.0)	ND (0.2)	NA	CH2M
	03/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:		5			
34-10	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:		1			
34-11A	12/08/2010	1.4	1.0	NA	CH2M
	11/28/2011	1.1	1.0	NA	CH2M
	01/19/2012	1.0	0.9	NA	CH2M
	01/19/2012*	1.1	0.98	NA	CH2M
	04/30/2012	ND (1.0)	1.1	NA	CH2M
	07/12/2012	ND (1.0)	0.98	NA	CH2M
No. of Samples:		6			
34-12	09/14/2006	ND (1.0)	1.08	NA	CH2M
	12/08/2010	ND (1.0)	ND (0.2)	NA	CH2M
	09/07/2011	1.3	0.9	NA	CH2M
	11/28/2011	1.4	1.1	NA	CH2M
	01/10/2012	1.7	1.6	NA	CH2M
	05/09/2012	1.8	1.8	NA	CH2M
	07/16/2012	1.6	1.7	NA	CH2M
	10/05/2012	1.8	1.7	NA	CH2M
	01/11/2013	1.4	1.3	NA	CH2M
	04/04/2013	1.8	1.3	NA	CH2M
	07/09/2013	1.6	1.9	NA	CH2M
	10/07/2013	1.7	1.6	NA	CH2M
	01/09/2014	1.7	1.7	NA	CH2M
	01/09/2014*	1.7	1.7	NA	CH2M
	06/02/2014	1.6	1.7	NA	CH2M
	07/10/2014	2.0	1.7	NA	CH2M
	10/14/2014	1.8	1.7	NA	CH2M
	01/09/2015	1.8	1.9	NA	CH2M
	04/08/2015	1.8	1.7	NA	CH2M
	07/07/2015	1.8	1.8	NA	CH2M
	10/08/2015	1.8	1.6	NA	Arcadis
No. of Samples:		21			
34-13	06/22/2011	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-13	12/01/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	0.25	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2013	ND (1.0)	0.12	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	0.21	NA	CH2M
	10/03/2013	ND (1.0)	0.3	NA	CH2M
	01/09/2014	ND (1.0)	0.34	NA	CH2M
	06/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/03/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2014	ND (1.0)	0.46	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.19)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:		19			
34-14	06/16/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:		2			
34-15	06/22/2011	2.0	2.2	NA	CH2M
	11/28/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	0.62	NA	CH2M
	07/12/2012*	ND (1.0)	0.52	NA	CH2M
	12/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	0.91	NA	CH2M
	10/10/2013	ND (1.0)	0.65	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/02/2014	ND (1.0)	0.57	NA	CH2M
	07/08/2014	ND (1.0)	0.82	NA	CH2M
	10/09/2014	1.7	1.9	NA	CH2M
	10/09/2014*	1.7	1.9	NA	CH2M
	01/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	0.86	NA	CH2M
	10/15/2015	2.1	2.3	NA	Arcadis
No. of Samples:		21			

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-16	01/12/2012	5.1	5.4	NA	CH2M
	01/30/2012	4.7	3.8	NA	CH2M
	04/05/2012	5.7	5.4	NA	CH2M
	07/12/2012	5.6	5.5	NA	CH2M
	11/12/2012	5.5	5.3	NA	CH2M
No. of Samples: 5					
34-17	02/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	09/06/2012	ND (1.0)	0.081	NA	CH2M
No. of Samples: 2					
34-19	12/22/2010	ND (1.0)	0.35	NA	CH2M
	12/02/2011	ND (1.0)	0.33	NA	CH2M
	01/17/2012	ND (1.0)	0.27	NA	CH2M
	05/04/2012	ND (1.0)	0.34	NA	CH2M
	05/04/2012*	ND (1.0)	0.34	NA	CH2M
	07/12/2012	ND (1.0)	0.36	NA	CH2M
	10/05/2012	ND (1.0)	0.39	NA	CH2M
No. of Samples: 7					
34-20	12/21/2011	1.2	1.3	NA	CH2M
	01/20/2012	ND (1.0)	0.5	NA	CH2M
	04/05/2012	1.7	1.8	NA	CH2M
	07/12/2012	2.5	2.5	NA	CH2M
	10/04/2012	1.7	1.6	NA	CH2M
	01/11/2013	ND (1.0)	0.9	NA	CH2M
	04/03/2013	2.3	2.3	NA	CH2M
	07/02/2013	ND (1.0)	0.37	NA	CH2M
	10/03/2013	1.2	1.2	NA	CH2M
No. of Samples: 9					
34-22	11/03/2011	ND (1.0)	0.11	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-22	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	18				
34-24	01/06/2011	ND (1.0)	0.21	NA	CH2M
	01/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	22				
34-25	04/27/2012	6.3	6.5	NA	CH2M
	07/12/2012	6.9	6.7	NA	CH2M
No. of Samples:	2				
34-26	01/12/2011	1.5	1.7	NA	CH2M
	06/14/2012	2.2	2.2	NA	CH2M
No. of Samples:	2				
34-27	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	8				
34-28	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	08/23/2012	ND (1.0)	0.13	NA	CH2M
No. of Samples:	2				
34-31	03/09/2011	ND (1.0)	ND (0.2)	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-31	07/06/2011	1.8	1.5	NA	CH2M
	07/06/2011*	2.1	1.5	NA	CH2M
	11/29/2011	ND (1.0)	0.53	NA	CH2M
	01/18/2012	ND (1.0)	0.18	NA	CH2M
No. of Samples:	5				
34-33	12/03/2012	ND (1.0)	0.11	NA	CH2M
	05/08/2013	ND (1.0)	0.37	NA	CH2M
	07/10/2013	ND (1.0)	0.29	NA	CH2M
	07/10/2013*	ND (1.0)	0.3	NA	CH2M
	10/03/2013	ND (1.0)	0.18	NA	CH2M
No. of Samples:	5				
34-34	06/16/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
	03/25/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	9				
34-35	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-36	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
34-37	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
34-38	01/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	01/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-38	10/17/2014	ND (1.0)	0.066	NA	CH2M
	01/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/21/2015	ND (1.0)	0.089	NA	Arcadis
	01/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	20				
34-43	05/30/2006	2.15	0.839	NA	CH2M
	05/30/2006*	3.07	0.838	NA	CH2M
	12/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	03/07/2011	1.6	1.3	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	5				
34-44	05/30/2006	4.36	1.53	NA	CH2M
	04/01/2010	1.8	1.79	NA	CH2M
	03/08/2011	2.0	1.4	NA	CH2M
	07/07/2011	1.6	1.5	NA	CH2M
	11/29/2011	2.1	1.7	NA	CH2M
	01/17/2012	1.7	1.6	NA	CH2M
	05/03/2012	1.7	1.6	NA	CH2M
	07/12/2012	1.9	1.4	NA	CH2M
	07/12/2012*	1.8	1.5	NA	CH2M
	10/04/2012	1.9	1.7	NA	CH2M
No. of Samples:	10				
34-45	05/30/2006	3.51	1.09	NA	CH2M
	04/01/2010	ND (1.0)	0.85	NA	CH2M
	12/22/2010	2.0	1.7	NA	CH2M
	12/01/2011	3.3	3.0	NA	CH2M
	12/01/2011*	3.0	2.9	NA	CH2M
	01/19/2012	2.6	2.6	NA	CH2M
	05/02/2012	2.5	2.7	NA	CH2M
	07/12/2012	2.6	2.6	NA	CH2M
	10/04/2012	2.9	2.8	NA	CH2M
	01/09/2013	ND (1.0)	0.67	NA	CH2M
	04/01/2013	ND (1.0)	0.33	NA	CH2M
	07/09/2013	1.2	1.6	NA	CH2M
	10/04/2013	1.4	1.5	NA	CH2M
	10/04/2013*	1.3	1.4	NA	CH2M
No. of Samples:	14				
34-46	09/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2007	1.22	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-47	04/12/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	01/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/07/2011	ND (1.0)	0.33	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-47	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	12/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	0.085	NA	CH2M
	07/07/2015*	ND (1.0)	0.076	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/03/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2017	ND (1.0)	0.091	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/19/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/24/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 27					
34-48	08/22/2007	3.25	3.31	NA	CH2M
No. of Samples: 1					
34-50	08/17/2011	1.0	1.0	NA	CH2M
	11/30/2011	1.2	1.0	NA	CH2M
	11/12/2012	ND (1.0)	0.96	NA	CH2M
	01/11/2013	ND (1.0)	0.97	NA	CH2M
	04/01/2013	ND (1.0)	1.0	NA	CH2M
	07/10/2013	ND (1.0)	0.99	NA	CH2M
	10/04/2013	ND (1.0)	0.93	NA	CH2M
	01/15/2014	1.0	1.0	NA	CH2M
	04/04/2014	ND (1.0)	0.87	NA	CH2M
	07/14/2014	1.0	0.97	NA	CH2M
	07/14/2014*	ND (1.0)	0.96	NA	CH2M
	10/15/2014	ND (1.0)	0.9	NA	CH2M
	01/14/2015	ND (1.0)	0.75	NA	CH2M
	04/09/2015	1.0	1.0	NA	CH2M
	07/07/2015	1.0	1.1	NA	CH2M
	10/15/2015	ND (1.0)	0.81	NA	Arcadis
	01/04/2016	ND (1.0)	0.9	NA	Arcadis
	04/04/2016	ND (1.0)	0.77	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-50	07/05/2016	1.2	0.89	NA	Arcadis
	10/03/2016	1.1	0.94	NA	Arcadis
	01/09/2017	1.1	0.94	NA	Arcadis
	10/02/2017	1.0	0.97	NA	Arcadis
No. of Samples:	22				
34-51	03/25/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-56	01/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/12/2011	ND (1.0)	0.54	NA	CH2M
	12/02/2011	ND (1.0)	0.59	NA	CH2M
	01/20/2012	ND (1.0)	0.5	NA	CH2M
	01/20/2012*	ND (1.0)	0.52	NA	CH2M
	05/03/2012	ND (1.0)	0.39	NA	CH2M
	07/24/2012	ND (1.0)	0.29	NA	CH2M
	10/05/2012	ND (1.0)	0.25	NA	CH2M
No. of Samples:	8				
34-57	12/22/2010	ND (1.0)	1.1	NA	CH2M
	10/19/2011	1.2	1.2	NA	CH2M
	01/09/2012	ND (1.0)	1.0	NA	CH2M
	05/09/2012	ND (1.0)	1.0	NA	CH2M
	07/13/2012	1.5	1.5	NA	CH2M
	10/12/2012	2.0	1.5	NA	CH2M
	01/15/2013	ND (1.0)	0.093	NA	CH2M
	01/15/2013*	ND (1.0)	0.094	NA	CH2M
	04/03/2013	1.2	1.1	NA	CH2M
	10/14/2013	ND (1.0)	0.11	NA	CH2M
	01/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/21/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2015	ND (1.0)	0.2	NA	Arcadis
No. of Samples:	16				
34-58	01/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	0.1	NA	CH2M
	12/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-58	07/09/2014	ND (1.0)	0.22	NA	CH2M
	10/15/2014	ND (1.0)	0.32	NA	CH2M
	10/15/2014*	ND (1.0)	0.31	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	0.23	NA	CH2M
<i>No. of Samples:</i> 16					
34-59	01/04/2011	1.1	1.0	NA	CH2M
	11/28/2011	1.6	1.5	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	0.75	NA	CH2M
	10/08/2012	1.7	1.8	NA	CH2M
	11/07/2013	ND (1.0)	0.32	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/06/2014	1.7	1.7	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	0.33	NA	CH2M
	07/07/2015	1.8	2.0	NA	CH2M
	10/13/2015	ND (1.0)	0.68	NA	Arcadis
	01/20/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2016	ND (1.0)	0.14	NA	Arcadis
	07/06/2016	1.8	1.7	NA	Arcadis
	10/03/2016	2.3	2.2	NA	Arcadis
	01/09/2017	ND (1.0)	0.92	NA	Arcadis
	04/04/2017	ND (1.0)	0.24	NA	Arcadis
	07/10/2017	1.9	2.3	NA	Arcadis
	10/03/2017	2.0	2.2	NA	Arcadis
	01/15/2018	ND (1.0)	0.19	NA	Arcadis
	04/02/2018	2.0	2.3	NA	Arcadis
	07/10/2018	2.1	2.3	NA	Arcadis
	07/19/2019	2.1	2.3	NA	Arcadis
	07/24/2020	2.5	2.2	NA	Arcadis
<i>No. of Samples:</i> 29					
34-60	01/26/2011	ND (1.0)	ND (0.2 J)	NA	CH2M
	01/26/2011*	ND (1.0)	0.47 J	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	11/29/2011*	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/19/2012	ND (1.0)	ND (0.06)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-60	10/09/2012	ND (1.0)	0.072	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	02/01/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2017	ND (1.0)	0.082	NA	Arcadis
	10/09/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/19/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	08/03/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		34			
34-62	12/16/2011	ND (1.0)	0.22	NA	CH2M
	03/02/2012	1.9	1.1	NA	CH2M
	05/09/2012	2.4	1.8	NA	CH2M
	12/03/2012	2.8	1.9	NA	CH2M
	07/15/2013	2.3	1.5	NA	CH2M
	10/11/2013	1.8	1.3	NA	CH2M
	01/20/2014	2.1	0.79	NA	CH2M
	07/09/2014	1.8	0.71	NA	CH2M
No. of Samples:		8			
34-63	12/07/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	0.14	NA	CH2M
	04/03/2013	ND (1.0)	0.3	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	1.4	1.3	NA	CH2M
	01/15/2014	ND (1.0)	0.84	NA	CH2M
	04/10/2014	ND (1.0)	0.25	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-63	07/08/2014	ND (1.0)	0.36	NA	CH2M
	10/09/2014	ND (1.0)	0.12	NA	CH2M
	01/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	0.52	NA	CH2M
	10/15/2015	ND (1.0)	0.22	NA	Arcadis
	01/04/2016	ND (1.0)	0.72	NA	Arcadis
	04/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/05/2016	ND (1.0)	0.074	NA	Arcadis
	10/03/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/09/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	10/02/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	01/14/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/01/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/08/2019	ND (1.0)	0.39	NA	Arcadis
	10/07/2019	ND (1.0)	0.1	NA	Arcadis
	01/13/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2020*	ND (1.0)	ND (0.06)	NA	Arcadis
	07/07/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	10/05/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2021	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2021*	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2021	ND (1.0)	0.98	NA	Arcadis
	04/05/2021*	1.0	1.0	NA	Arcadis
No. of Samples:		36			
34-64	10/06/2011	ND (1.0)	0.99	NA	CH2M
	01/09/2012	1.0	1.2	NA	CH2M
	04/05/2012	1.2	1.3	NA	CH2M
	07/24/2012	1.2	1.3	NA	CH2M
No. of Samples:		4			
34-65	05/18/2011	3.5	3.3	NA	CH2M
	05/31/2011	3.4	3.4	NA	CH2M
	07/07/2011	3.2	3.4	NA	CH2M
	11/11/2011	3.4	3.3	NA	CH2M
	01/18/2012	2.6	2.7	NA	CH2M
	04/05/2012	3.1	3.3	NA	CH2M
	04/05/2012*	3.0	3.3	NA	CH2M
	07/13/2012	3.2	3.2	NA	CH2M
	07/13/2012*	3.2	3.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-65	10/04/2012	3.1	3.3	NA	CH2M
	01/16/2013	3.7	3.3	NA	CH2M
	04/04/2013	3.5	3.3	NA	CH2M
	07/11/2013	3.0	3.4	NA	CH2M
	10/04/2013	3.1	3.4	NA	CH2M
	01/16/2014	3.2	3.3	NA	CH2M
	06/03/2014	3.2	3.2	NA	CH2M
	07/15/2014	3.3	3.1	NA	CH2M
No. of Samples: 17					
34-66	05/18/2011	2.4	2.2	NA	CH2M
	05/31/2011	2.0	1.5	NA	CH2M
	07/07/2011	2.4	2.6	NA	CH2M
	07/07/2011*	2.3	2.6	NA	CH2M
	11/11/2011	1.2	1.4	NA	CH2M
	01/18/2012	ND (1.0)	1.0	NA	CH2M
	04/05/2012	ND (1.0)	1.1	NA	CH2M
	07/13/2012	1.2	1.2	NA	CH2M
	10/04/2012	1.1	1.2	NA	CH2M
	01/16/2013	ND (1.0)	0.87	NA	CH2M
	01/16/2013*	ND (1.0)	0.87	NA	CH2M
	04/03/2013	1.2	1.2	NA	CH2M
	07/11/2013	2.0	2.5	NA	CH2M
	10/04/2013	ND (1.0)	0.91	NA	CH2M
	01/16/2014	ND (1.0)	0.61	NA	CH2M
	01/16/2014*	ND (1.0)	0.22	NA	CH2M
	06/03/2014	1.2	1.2	NA	CH2M
	07/15/2014	1.5	1.5	NA	CH2M
No. of Samples: 18					
34-72	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	0.18	NA	CH2M
	10/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 6					
34-73	07/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/30/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-73	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples: 19					
34-74	07/12/2011	2.3	2.7	NA	CH2M
	11/30/2011	2.2	2.0	NA	CH2M
	01/10/2012	1.8	1.5	NA	CH2M
	04/09/2012	ND (1.0)	0.32	NA	CH2M
	07/13/2012	2.4	2.2	NA	CH2M
	10/04/2012	2.5	2.4	NA	CH2M
	10/04/2012*	2.5	2.3	NA	CH2M
	01/11/2013	ND (1.0)	0.6	NA	CH2M
	04/03/2013	2.3	2.0	NA	CH2M
	07/09/2013	2.2	1.7	NA	CH2M
	07/09/2013*	2.2	1.5	NA	CH2M
	10/04/2013	2.2	1.6	NA	CH2M
	01/13/2014	ND (1.0)	0.2	NA	CH2M
	06/03/2014	2.1	1.6	NA	CH2M
	07/10/2014	2.2	1.6	NA	CH2M
	10/16/2014	2.4	2.0	NA	CH2M
	01/09/2015	1.5	1.3	NA	CH2M
	04/09/2015	2.3	1.9	NA	CH2M
	07/07/2015	2.3	1.9	NA	CH2M
	10/07/2015	2.4	2.0	NA	Arcadis
No. of Samples: 20					
34-76	10/27/2011	ND (1.0)	0.22	NA	CH2M
	11/29/2011	ND (1.0)	0.12	NA	CH2M
	01/23/2012	ND (1.0)	0.064	NA	CH2M
	05/03/2012	ND (1.0)	0.21	NA	CH2M
	07/20/2012	ND (1.0)	0.42	NA	CH2M
	10/05/2012	ND (1.0)	0.27	NA	CH2M
	01/18/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	0.22	NA	CH2M
	07/10/2013	ND (1.0)	0.45	NA	CH2M
	10/07/2013	ND (1.0)	0.12	NA	CH2M
No. of Samples: 10					
34-77	11/22/2011	1.2	1.0	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-77	01/10/2012	ND (1.0)	0.98	NA	CH2M
	04/05/2012	ND (1.0)	0.62	NA	CH2M
	07/16/2012	ND (1.0)	1.1	NA	CH2M
	10/05/2012	1.1	1.0	NA	CH2M
	01/09/2013	ND (1.0)	0.74	NA	CH2M
	04/04/2013	1.2	1.2	NA	CH2M
	07/10/2013	ND (1.0)	1.2	NA	CH2M
	10/04/2013	1.1	1.1	NA	CH2M
	10/04/2013*	1.1	1.1	NA	CH2M
	01/07/2014	1.1	0.99	NA	CH2M
	04/01/2014	1.1	1.2	NA	CH2M
	07/08/2014	1.1	1.1	NA	CH2M
	10/13/2014	1.2	1.1	NA	CH2M
	10/13/2014*	1.1	1.1	NA	CH2M
	01/15/2015	1.1	1.2	NA	CH2M
	04/10/2015	1.2	1.1	NA	CH2M
	07/07/2015	1.0	1.1	NA	CH2M
	10/07/2015	1.0	0.88	NA	Arcadis
	01/04/2016	ND (1.0)	0.63	NA	Arcadis
	04/04/2016	ND (1.0)	0.47	NA	Arcadis
	07/05/2016	ND (1.0)	0.98	NA	Arcadis
	10/03/2016	1.1	1.1	NA	Arcadis
	01/09/2017	ND (1.0)	0.57	NA	Arcadis
	04/03/2017	1.0	1.1	NA	Arcadis
	07/10/2017	ND (1.0)	1.0	NA	Arcadis
	01/15/2018	ND (1.0)	1.0	NA	Arcadis
	07/09/2018	ND (1.0)	1.0	NA	Arcadis
	10/08/2018	1.0	1.0	NA	Arcadis
	01/14/2019	1.1	0.96	NA	Arcadis
	04/01/2019	ND (1.0)	1.1	NA	Arcadis
	07/08/2019	ND (1.0)	1.1	NA	Arcadis
	10/07/2019	ND (1.0)	0.98	NA	Arcadis
	01/13/2020	ND (1.0)	0.9	NA	Arcadis
	04/06/2020	ND (1.0)	0.87	NA	Arcadis
	07/07/2020	1.1	0.93	NA	Arcadis
	10/05/2020	1.0	0.96	NA	Arcadis
	01/11/2021	ND (1.0)	0.89	NA	Arcadis
	04/05/2021	1.1	0.94	NA	Arcadis
No. of Samples:		39			
34-78	12/21/2011	ND (1.0)	0.6	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	0.13	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	1.6	1.8	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 6					
34-79	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 2					
34-80	01/31/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	10/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 4					
34-81	07/09/2012	2.8	2.1	NA	CH2M
	07/09/2012*	2.8	2.4	NA	CH2M
	10/08/2012	3.3	3.0	NA	CH2M
	01/10/2013	2.9	2.4	NA	CH2M
	04/08/2013	3.3	2.7	NA	CH2M
No. of Samples: 5					
34E-01	02/13/2007	1.21	0.975	NA	CH2M
No. of Samples: 1					
35-02	06/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 1					
35-03	04/11/2008	ND (1.0)	ND (1.0)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008*	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	ND (1.0 J)	ND (0.2)	NA	CH2M
	11/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/19/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 12					
35-04	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	07/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	08/16/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/27/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	1.4 J	ND (0.2)	ND (10)	ALISTO
	10/24/2001*	1.2 J	ND (0.2)	ND (10)	ALISTO
	11/19/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	11/19/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/23/2002	1.7	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
35-04	02/13/2002	1.6	ND (0.2)	NA	CH2M
	03/26/2002	9.1	ND (0.2)	NA	CH2M
	04/15/2002	1.7	ND (0.2)	NA	CH2M
	05/21/2002	2.3	ND (0.2)	NA	CH2M
	06/25/2002	ND (1.0)	ND (0.2)	NA	CH2M
	07/24/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	09/25/2002	1.1	ND (0.2)	NA	CH2M
	09/25/2002*	1.0	ND (0.2)	NA	CH2M
	10/16/2002	1.4	ND (0.2)	NA	CH2M
	11/13/2002	ND (1.0)	ND (0.2)	NA	CH2M
	12/18/2002	1.6	ND (0.2)	NA	CH2M
	01/22/2003	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	1.1	ND (0.2)	NA	CH2M
	03/28/2003	1.0	ND (0.2)	NA	CH2M
	04/18/2003	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2011	ND (1.1)	ND (0.2)	NA	CH2M
	04/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	12/01/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 53					
35-07A	06/06/2001	250	261	NA	ALISTO
	08/15/2002	272	NA	266	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 2					
35-08	06/21/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 1					
35-10A	03/08/2001	740	NA	680	ALISTO
	05/23/2001	190	153	150	ALISTO
	09/27/2001	710	NA	600	ALISTO
	12/06/2001	520	NA	520	ALISTO
	08/15/2003	149	NA	165	CH2M
	02/19/2004	197	NA	178	CH2M
	03/22/2006	13.1	ND (0.2)	NA	CH2M
	04/14/2008	19.5	ND (0.2)	NA	Arcadis
No. of Samples: 8					
35-11	03/07/2001	75	NA	69	ALISTO
	05/22/2001	35	36.7	34	ALISTO
No. of Samples: 2					
35-12	09/27/2001	1,200	NA	1,100	ALISTO
	12/07/2001	1,100	NA	1,100	ALISTO
	08/15/2003	971	NA	1,080	CH2M
	02/19/2004	1,500	NA	1,170	CH2M
	02/10/2005	865	NA	978	CH2M
	04/14/2008	420	34.1	NA	Arcadis
No. of Samples: 6					
35-13	02/18/2004	80.6	NA	84	CH2M
No. of Samples: 1					
35-14	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	10/05/2001	3.5 J	ND (0.2)	ND (10)	ALISTO
	12/06/2001	2.3 J	NA	ND (10)	ALISTO
	02/12/2002	17.5	ND (0.2)	NA	CH2M
	02/12/2002*	16.9	ND (0.2)	NA	CH2M
	05/23/2002	7.5	ND (0.2)	NA	CH2M
	08/21/2002	3.5	ND (0.2)	NA	CH2M
	11/11/2002	5.6	ND (0.2)	NA	CH2M
	02/17/2003	1.7	ND (0.2)	NA	CH2M
	08/19/2003	1.7	ND (0.2)	NA	CH2M
	02/20/2004	5.8	ND (0.2)	NA	CH2M
	04/14/2008	4.89	1.11	NA	Arcadis
No. of Samples: 13					
35-17	03/08/2001	50	NA	52	ALISTO
	05/23/2001	57	56.6	57	ALISTO
	09/25/2001	310	NA	310	ALISTO
	12/13/2001	320	NA	310	ALISTO
	08/19/2003	436	NA	424	CH2M
	02/19/2004	362	NA	306	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
<i>No. of Samples:</i> 6					
35-18	04/10/2008	429	383	NA	Arcadis
<i>No. of Samples:</i> 1					
35-23A	10/14/2005	2.85	1.6	NA	CH2M
	12/08/2005	1.89	1.09	NA	CH2M
	01/17/2006	5.91	3.07	NA	CH2M
	02/21/2006	5.03	4.16	NA	CH2M
	04/17/2006	7.52	0.886	NA	CH2M
	06/13/2006	7.74	2.38	NA	CH2M
	08/09/2006	6.86	7.48	NA	CH2M
	10/17/2006	3.57	3.13	NA	CH2M
<i>No. of Samples:</i> 8					
35-26	03/08/2001	15 J	NA	ND (10)	ALISTO
	05/23/2001	770	653	647	ALISTO
	09/27/2001	600	NA	580	ALISTO
	12/07/2001	690	NA	620	ALISTO
	08/15/2003	176	NA	201	CH2M
	02/19/2004	269	NA	212	CH2M
	03/22/2006	14.5	9.8	NA	CH2M
	04/14/2008	160	0.322	NA	Arcadis
	04/14/2008*	181	0.656	NA	Arcadis
<i>No. of Samples:</i> 9					
35-33	03/08/2001	ND (20)	NA	NA	ALISTO
	09/28/2001	270	NA	NA	ALISTO
	12/07/2001	350	NA	NA	ALISTO
	02/13/2002	412	NA	NA	CH2M
	05/20/2002	398	NA	339	CH2M
	08/15/2002*	364	NA	361	CH2M
	11/14/2002	314	NA	308	CH2M
	02/21/2003	322	NA	332	CH2M
	08/15/2003	306	NA	331	CH2M
	02/18/2004	462	NA	306	CH2M
	02/10/2005	6.96	2.15	NA	CH2M
<i>No. of Samples:</i> 11					
36-01	05/25/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	5.0 J	ND (0.2)	ND (10)	ALISTO
	02/15/2002	1.6	ND (0.2)	NA	CH2M
	05/23/2002	1.6	ND (0.2)	NA	CH2M
	02/23/2006	3.68	ND (0.2)	NA	CH2M
	04/27/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/22/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/18/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2008	1.31	0.44	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 10					
36-02	02/21/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 1					
36-03	05/25/2001	1.8	1.0	ND (10)	ALISTO
	07/05/2001	1.7 J	0.4 J	ND (10)	ALISTO
	08/16/2001	2.5	2.3	ND (10)	ALISTO
	09/27/2001	1.6 J	ND (0.2)	ND (10)	ALISTO
	10/24/2001	0.5 J	ND (0.2)	ND (10)	ALISTO
	11/20/2001	3.1 J	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (10)	0.57 J	ND (10)	ALISTO
	01/22/2002	3.4	0.32	NA	CH2M
	02/11/2002	5.2	2.1	NA	CH2M
	03/26/2002	10.2	2.0	NA	CH2M
	04/15/2002	6.2	1.7	NA	CH2M
	05/22/2002	2.6	1.9	NA	CH2M
	07/23/2002	1.8	1.7	NA	CH2M
	08/21/2002	7.4	1.7	NA	CH2M
	09/25/2002	11.6	1.8	NA	CH2M
	10/16/2002	5.0	0.22	NA	CH2M
	11/14/2002	2.1	ND (0.2)	NA	CH2M
	12/18/2002	2.9	0.67	NA	CH2M
	01/22/2003	2.7	0.25	NA	CH2M
	02/21/2003	2.7	ND (0.2)	NA	CH2M
	03/28/2003	2.9	0.27	NA	CH2M
	04/18/2003	4.3	0.25	NA	CH2M
	08/24/2004	3.77	1.4	NA	CH2M
	10/12/2004	1.99	ND (0.2)	NA	CH2M
	12/09/2004	1.81	ND (0.2)	NA	CH2M
	02/09/2005	1.59	ND (0.2)	NA	CH2M
	04/15/2005	1.35	ND (0.2)	NA	CH2M
	06/07/2005	3.21	ND (0.2)	NA	CH2M
	08/23/2005	1.05	0.27	NA	CH2M
	10/14/2005	2.14	1.11	NA	CH2M
	12/05/2005	1.64	ND (0.2)	NA	CH2M
	02/21/2006	2.36	0.249	NA	CH2M
	04/17/2006	8.5	0.421	NA	CH2M
	06/13/2006	8.72	1.38	NA	CH2M
	08/09/2006	ND (1.0)	1.04	NA	CH2M
	10/17/2006	ND (1.0)	0.882	NA	CH2M
	12/05/2006	ND (1.0)	1.03	NA	CH2M
	02/14/2007	ND (1.0)	0.58	NA	CH2M
	04/11/2007	ND (1.0)	0.613	NA	CH2M
	06/19/2007	1.26	1.02	NA	CH2M
	08/16/2007	2.12	0.522	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-03	10/17/2007	ND (1.0)	0.246	NA	CH2M
	12/04/2007	ND (1.0)	0.319	NA	CH2M
	02/12/2008	1.15	0.217	NA	CH2M
	04/08/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/12/2008	1.0	0.6	NA	CH2M
	08/06/2008	ND (1.0)	0.24	NA	CH2M
	11/06/2008	ND (1.0)	0.36	NA	CH2M
	02/10/2009	ND (1.0)	0.21	NA	CH2M
	05/13/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 51					
36-06B	03/07/2011	1.8	1.2	NA	CH2M
	08/16/2011	1.3	1.2	NA	CH2M
	11/29/2011	1.5	1.0	NA	CH2M
	01/10/2012	ND (1.0)	0.8	NA	CH2M
	04/05/2012	ND (1.0)	0.82	NA	CH2M
	04/05/2012*	ND (1.0)	0.83	NA	CH2M
	07/17/2012	ND (1.0)	0.88	NA	CH2M
	10/05/2012	1.1	1.3	NA	CH2M
	01/11/2013	1.3	1.4	NA	CH2M
	01/11/2013*	1.4	1.5	NA	CH2M
	04/02/2013	1.1	1.3	NA	CH2M
	07/09/2013	1.3	1.4	NA	CH2M
No. of Samples: 12					
36-17	02/19/2002	1.8	0.95	NA	CH2M
	02/19/2002*	1.9	0.91	NA	CH2M
	11/21/2011	1.1	1.0	NA	CH2M
	01/03/2012	ND (1.0)	0.98	NA	CH2M
	05/09/2012	ND (1.0)	1.0	NA	CH2M
	07/16/2012	ND (1.0)	0.92	NA	CH2M
	10/02/2012	1.0	1.0	NA	CH2M
	01/07/2013	ND (1.0)	0.86	NA	CH2M
	04/02/2013	ND (1.0)	0.89	NA	CH2M
	07/01/2013	ND (1.0)	1.1	NA	CH2M
	10/02/2013	1.0	1.1	NA	CH2M
	01/14/2014	ND (1.0)	0.87	NA	CH2M
	04/01/2014	ND (1.0)	0.96	NA	CH2M
	07/02/2014	1.1	1.1	NA	CH2M
No. of Samples: 14					
36-20	11/15/2011	ND (1.0)	0.55	NA	CH2M
	01/03/2012	ND (1.0)	0.38	NA	CH2M
	05/09/2012	ND (1.0)	0.51	NA	CH2M
	07/16/2012	ND (1.0)	0.45	NA	CH2M
	10/02/2012	ND (1.0)	0.5	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-20	01/07/2013	ND (1.0)	0.42	NA	CH2M
	04/02/2013	ND (1.0)	0.47	NA	CH2M
	04/02/2013*	ND (1.0)	0.46	NA	CH2M
	07/01/2013	ND (1.0)	0.47	NA	CH2M
	10/02/2013	ND (1.0)	0.51	NA	CH2M
	01/10/2014	ND (1.0)	0.46	NA	CH2M
	04/01/2014	ND (1.0)	0.52	NA	CH2M
No. of Samples: 12					
36-22	11/15/2011	ND (1.0)	0.6	NA	CH2M
	01/03/2012	ND (1.0)	0.47	NA	CH2M
	05/09/2012	ND (1.0)	0.48	NA	CH2M
	07/16/2012	ND (1.0)	0.48	NA	CH2M
	10/02/2012	ND (1.0)	0.49	NA	CH2M
	01/07/2013	ND (1.0)	0.35	NA	CH2M
	04/02/2013	ND (1.0)	0.48	NA	CH2M
	07/01/2013	ND (1.0)	0.55	NA	CH2M
	10/02/2013	ND (1.0)	0.5	NA	CH2M
	01/10/2014	ND (1.0)	0.35	NA	CH2M
	04/01/2014	ND (1.0)	0.53	NA	CH2M
No. of Samples: 11					
36-24	07/23/2002	2.5	2.1	NA	CH2M
	08/12/2003	5.9	1.9	NA	CH2M
	07/27/2006	1.8	1.64 J	NA	CH2M
	08/22/2007	1.61	1.65	NA	CH2M
	05/13/2009	1.44	1.11	NA	CH2M
	08/02/2010	1.5	1.8	NA	CH2M
	10/28/2010	1.8	1.9	NA	CH2M
	03/03/2011	1.5	1.8	NA	CH2M
	07/14/2011	1.6	1.6	NA	CH2M
	11/28/2011	1.9	1.8	NA	CH2M
	01/12/2012	1.4	1.6	NA	CH2M
	01/12/2012*	1.5	1.6	NA	CH2M
	07/13/2012	1.5	1.6	NA	CH2M
	10/10/2012	1.8	1.7	NA	CH2M
	10/10/2012*	1.8	1.7	NA	CH2M
	01/11/2013	1.2	0.93	NA	CH2M
No. of Samples: 16					
36-25	05/25/2001	3.0	3.9	ND (10)	ALISTO
	10/04/2001	5.2	2.1	ND (10)	ALISTO
	12/07/2001	3.7 J	4.2 J	ND (10)	ALISTO
	07/27/2006	2.01	1.7	NA	CH2M
	01/05/2011	2.3	2.2	NA	CH2M
	12/06/2011	1.8	1.7	NA	CH2M
	01/13/2012	1.3	1.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-25	04/05/2012	1.1	1.3	NA	CH2M
	07/13/2012	1.1	1.2	NA	CH2M
	10/05/2012	1.2	1.3	NA	CH2M
	01/14/2013	1.2	1.2	NA	CH2M
	04/02/2013	1.0	1.2	NA	CH2M
	07/02/2013	1.2	1.3	NA	CH2M
	07/02/2013*	1.2	1.4	NA	CH2M
	10/03/2013	1.5	1.5	NA	CH2M
	01/14/2014	1.4	1.5	NA	CH2M
	04/01/2014	1.3	1.4	NA	CH2M
	07/02/2014	1.5	1.6	NA	CH2M
No. of Samples: 18					
36-26	06/09/2010	1.8	2.1	NA	CH2M
	01/05/2011	2.0	1.6	NA	CH2M
	10/19/2011	2.7	2.1	NA	CH2M
	01/10/2012	2.1	2.0	NA	CH2M
	04/04/2012	1.7	1.6	NA	CH2M
	07/16/2012	1.7	1.2	NA	CH2M
	10/04/2012	1.8	1.7	NA	CH2M
	01/16/2013	1.8	1.6	NA	CH2M
	04/10/2013	2.2	2.1	NA	CH2M
	07/02/2013	2.2	2.1	NA	CH2M
	10/01/2013	2.0	1.2	NA	CH2M
	01/15/2014	2.0	1.7	NA	CH2M
	04/03/2014	1.8	1.5	NA	CH2M
	04/03/2014*	1.8	1.4	NA	CH2M
	07/02/2014	1.9	1.9	NA	CH2M
	10/15/2014	1.8	1.9	NA	CH2M
	01/15/2015	1.5	1.6	NA	CH2M
	04/02/2015	1.7	1.6	NA	CH2M
	07/08/2015	1.7	1.5	NA	CH2M
	10/08/2015	1.3	0.9	NA	Arcadis
	01/05/2016	1.4	0.81	NA	Arcadis
	04/05/2016	1.8	1.6	NA	Arcadis
	07/06/2016	1.7	1.2	NA	Arcadis
	10/04/2016	1.9	1.5	NA	Arcadis
	04/04/2017	1.8	1.3	NA	Arcadis
	07/11/2017	1.1	0.89	NA	Arcadis
	10/03/2017	1.8	1.5	NA	Arcadis
	01/16/2018	2.0	1.6	NA	Arcadis
	04/03/2018	1.6	1.3	NA	Arcadis
	07/10/2018	2.1	1.1	NA	Arcadis
	10/09/2018	2.1	1.9	NA	Arcadis
	01/15/2019	2.1	1.7	NA	Arcadis
	01/15/2019*	2.1	1.7	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-26	04/05/2019	1.7	1.7	NA	Arcadis
	07/08/2019	2.0	1.3	NA	Arcadis
	10/08/2019	2.1	1.8	NA	Arcadis
	01/14/2020	ND (1.0)	0.6	NA	Arcadis
	04/07/2020	ND (1.0)	0.24	NA	Arcadis
	07/08/2020	1.1	0.41	NA	Arcadis
	10/06/2020	1.7	0.35	NA	Arcadis
	11/03/2020	1.7	0.63	NA	Arcadis
	04/06/2021	1.6	0.77	NA	Arcadis
No. of Samples: 42					
36-31	07/09/2012	1.6	1.9	NA	CH2M
	10/18/2012	1.8	1.9	NA	CH2M
	01/17/2013	1.8	1.6	NA	CH2M
	01/17/2013*	1.9	1.7	NA	CH2M
	04/02/2013	1.3	1.5	NA	CH2M
	07/02/2013	1.5	1.5	NA	CH2M
	10/02/2013	1.6	1.5	NA	CH2M
	04/01/2014	1.4	1.4	NA	CH2M
	07/10/2014	1.4	1.3	NA	CH2M
	10/14/2014	1.3	1.3	NA	CH2M
	01/15/2015	1.4	1.4	NA	CH2M
	04/09/2015	1.5	1.2	NA	CH2M
	07/08/2015	1.3	1.4	NA	CH2M
No. of Samples: 13					
36-35	05/24/2001	ND (2.5)	2.0	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	02/07/2002	ND (1.0)	0.45	NA	CH2M
	05/22/2002	2.9	ND (0.2)	NA	CH2M
	08/15/2002	ND (1.0)	ND (0.2)	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	4.64	1.15	NA	CH2M
	10/12/2004	1.22	0.321	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2005	1.24	ND (0.2)	NA	CH2M
	04/15/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	1.54	ND (0.2)	NA	CH2M
	08/24/2005	ND (1.0)	0.263	NA	CH2M
	10/14/2005	1.4	ND (0.2)	NA	CH2M
	08/09/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/19/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2007	ND (1.0)	0.645	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-35	10/17/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples: 25					
36-41	12/13/2010	2.2	1.7	NA	CH2M
	11/29/2011	1.3	0.56	NA	CH2M
	11/29/2011*	ND (1.0)	0.6	NA	CH2M
	01/11/2012	1.4	1.6	NA	CH2M
	04/04/2012	ND (1.0)	1.1	NA	CH2M
	04/04/2012*	1.1	1.1	NA	CH2M
	07/13/2012	ND (1.0)	0.94	NA	CH2M
	10/08/2012	1.1	1.2	NA	CH2M
	01/14/2013	ND (1.0)	0.63	NA	CH2M
	04/02/2013	1.1	1.4	NA	CH2M
	07/02/2013	ND (1.0)	0.64	NA	CH2M
	10/03/2013	ND (1.0)	0.88	NA	CH2M
	01/15/2014	1.4	1.5	NA	CH2M
	04/01/2014	1.3	1.4	NA	CH2M
	07/09/2014	1.5	1.5	NA	CH2M
	10/16/2014	1.7	1.9	NA	CH2M
	01/15/2015	1.6	1.8	NA	CH2M
	04/09/2015	1.6	1.6	NA	CH2M
	07/08/2015	1.2	1.4	NA	CH2M
	10/15/2015	1.5	1.5	NA	Arcadis
	01/05/2016	2.3	2.2	NA	Arcadis
	04/05/2016	2.1	2.1	NA	Arcadis
	07/06/2016	ND (1.0)	0.66	NA	Arcadis
	10/04/2016	1.8	1.9	NA	Arcadis
	01/10/2017	1.8	1.8	NA	Arcadis
	04/04/2017	ND (1.0)	0.82	NA	Arcadis
	07/11/2017	ND (1.0)	1.3	NA	Arcadis
	10/03/2017	1.7	1.9	NA	Arcadis
	01/16/2018	1.6	1.8	NA	Arcadis
	04/03/2018	1.8	2.0	NA	Arcadis
	07/10/2018	ND (1.0)	0.71	NA	Arcadis
	10/09/2018	1.7	1.8	NA	Arcadis
	01/15/2019	1.6	1.5	NA	Arcadis
	04/02/2019	1.6	1.9	NA	Arcadis
	07/09/2019	1.7	1.8	NA	Arcadis
	10/08/2019	1.2	1.3	NA	Arcadis
	01/14/2020	1.8	1.8	NA	Arcadis
	04/07/2020	1.9	2.0	NA	Arcadis
	07/07/2020	ND (1.0)	0.81	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-41	10/06/2020	1.7	1.3	NA	Arcadis
	01/12/2021	1.1	1.2	NA	Arcadis
	04/06/2021	1.5	1.5	NA	Arcadis
No. of Samples: 42					
36-43	11/16/2011	ND (1.0)	0.63	NA	CH2M
	01/03/2012	ND (1.0)	0.53	NA	CH2M
	05/09/2012	ND (1.0)	0.62	NA	CH2M
	07/16/2012	ND (1.0)	0.56	NA	CH2M
	07/16/2012*	ND (1.0)	0.5	NA	CH2M
	10/02/2012	ND (1.0)	0.6	NA	CH2M
	01/07/2013	ND (1.0)	0.39	NA	CH2M
	04/02/2013	ND (1.0)	0.52	NA	CH2M
	07/01/2013	ND (1.0)	0.52	NA	CH2M
	10/02/2013	ND (1.0)	0.58	NA	CH2M
	10/02/2013*	ND (1.0)	0.54	NA	CH2M
	03/07/2014	ND (1.0)	0.55	NA	CH2M
	04/01/2014	ND (1.0)	0.55	NA	CH2M
	07/02/2014	ND (1.0)	0.53	NA	CH2M
	10/06/2014	ND (1.0)	0.52	NA	CH2M
	01/07/2015	ND (1.0)	0.44	NA	CH2M
No. of Samples: 16					
BGS-01	01/31/2006	ND (1.0)	0.32	NA	CH2M
	04/25/2006	ND (1.0)	0.495	NA	CH2M
	07/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/23/2006	ND (1.0)	0.328 J	NA	CH2M
	11/29/2011	1.1	0.58	NA	CH2M
	01/11/2012	ND (1.0)	0.4	NA	CH2M
	01/11/2012*	ND (1.0)	0.4	NA	CH2M
	04/05/2012	ND (1.0)	0.29	NA	CH2M
	07/16/2012	ND (1.0)	0.56	NA	CH2M
	10/17/2012	ND (1.0)	0.58	NA	CH2M
	10/17/2012*	ND (1.0)	0.67	NA	CH2M
	01/15/2013	ND (1.0)	0.5	NA	CH2M
No. of Samples: 12					
BGS-04	02/01/2006	2.39	2.5	NA	CH2M
	04/26/2006	2.74	2.4	NA	CH2M
	04/26/2006*	2.87	2.41	NA	CH2M
	07/25/2006	2.73	2.56	NA	CH2M
	07/25/2006*	2.65	2.53	NA	CH2M
	10/23/2006	2.77	2.6 J	NA	CH2M
No. of Samples: 6					
BGS-05	01/31/2006	1.11	0.959	NA	CH2M
	04/25/2006	ND (1.0)	0.762	NA	CH2M
No. of Samples: 2					

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-06	01/31/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/23/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/23/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2012	ND (1.0)	0.17	NA	CH2M
	04/06/2012	ND (1.0)	0.16	NA	CH2M
	07/13/2012	ND (1.0)	0.17	NA	CH2M
	10/09/2012	ND (1.0)	0.18	NA	CH2M
	01/17/2013	ND (1.0)	0.13	NA	CH2M
No. of Samples:		10			
BGS-09	01/30/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/24/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	10/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/09/2012	ND (1.0)	0.11	NA	CH2M
No. of Samples:		6			
BGS-10	01/31/2006	ND (1.0)	0.7	NA	CH2M
	04/26/2006	2.19	0.88	NA	CH2M
	07/26/2006	ND (1.0)	0.247 J	NA	CH2M
	10/24/2006	2.44	1.37	NA	CH2M
	01/05/2011	ND (1.0)	0.35	NA	CH2M
	11/22/2011	1.6	0.55	NA	CH2M
	01/10/2012	2.7	1.7	NA	CH2M
	04/09/2012	2.0	0.72	NA	CH2M
	07/13/2012	2.4	1.4	NA	CH2M
	10/04/2012	2.4	1.4	NA	CH2M
No. of Samples:		10			
BGS-12	01/30/2006	ND (1.0)	0.224	NA	CH2M
	04/24/2006	ND (1.0)	0.457	NA	CH2M
	07/24/2006	ND (1.0)	0.445	NA	CH2M
	10/23/2006	ND (1.0)	0.335 J	NA	CH2M
	11/16/2011	ND (1.0)	0.69	NA	CH2M
	08/31/2020	1.0	0.96	NA	Arcadis
No. of Samples:		6			
BGS-13	01/31/2006	ND (1.0)	0.208	NA	CH2M
	04/27/2006	ND (1.0)	0.223	NA	CH2M
	07/25/2006	ND (1.0)	0.307	NA	CH2M
No. of Samples:		3			
BGS-14	05/24/2001	ND (2.5)	1.0	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/31/2006	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-14	04/26/2006	ND (1.0)	0.211	NA	CH2M
	07/26/2006	ND (1.0)	0.223 J	NA	CH2M
	10/23/2006	ND (1.0)	0.216	NA	CH2M
	12/01/2011	ND (1.0)	0.45	NA	CH2M
	01/11/2012	ND (1.0)	0.21	NA	CH2M
	01/11/2012*	ND (1.0)	0.25	NA	CH2M
	04/05/2012	ND (1.0)	0.18	NA	CH2M
	07/16/2012	ND (1.0)	0.51	NA	CH2M
	10/05/2012	ND (1.0)	0.65	NA	CH2M
	01/17/2013	ND (1.0)	0.44	NA	CH2M
	04/03/2013	ND (1.0)	0.72	NA	CH2M
	07/02/2013	1.2	1.2	NA	CH2M
	07/02/2013*	1.2	1.2	NA	CH2M
	10/02/2013	ND (1.0)	0.91	NA	CH2M
	01/15/2014	ND (1.0)	0.52	NA	CH2M
	04/03/2014	ND (1.0)	0.84	NA	CH2M
	07/08/2014	1.3	1.4	NA	CH2M
	10/09/2014	1.2	1.4	NA	CH2M
	10/09/2014*	1.2	1.3	NA	CH2M
	01/20/2015	ND (1.0)	0.25	NA	CH2M
	04/02/2015	1.2	1.2	NA	CH2M
	07/08/2015	2.2	2.4	NA	CH2M
	10/08/2015	2.2	2.4	NA	Arcadis
No. of Samples: 27					
BGS-15	01/31/2006	ND (1.0)	ND (0.2)	NA	CH2M
	01/31/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/23/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	0.093	NA	CH2M
	01/11/2012	ND (1.0)	0.083	NA	CH2M
	01/11/2012*	ND (1.0)	0.19	NA	CH2M
	04/03/2012	ND (1.0)	0.071	NA	CH2M
	07/13/2012	ND (1.0)	0.089	NA	CH2M
	01/14/2013	ND (1.0)	0.06	NA	CH2M
	01/14/2013*	ND (1.0)	0.064	NA	CH2M
No. of Samples: 13					
BGS-16	01/31/2006	1.36	1.35	NA	CH2M
	04/24/2006	2.05	1.77	NA	CH2M
	07/25/2006	1.77	1.45	NA	CH2M
	10/23/2006	1.77	1.66	NA	CH2M
	06/16/2011	2.1	1.6	NA	CH2M
	11/09/2011	1.6	1.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-16	01/11/2012	1.3	1.4	NA	CH2M
	04/03/2012	1.3	1.5	NA	CH2M
	07/13/2012	1.5	1.6	NA	CH2M
	10/10/2012	1.6	1.6	NA	CH2M
	01/08/2013	1.4	1.5	NA	CH2M
	04/04/2013	1.5	1.5	NA	CH2M
	07/03/2013	1.3	1.4	NA	CH2M
	10/10/2013	ND (1.0)	1.2	NA	CH2M
	01/09/2014	ND (1.0)	1.1	NA	CH2M
	04/11/2014	ND (1.0)	0.7	NA	CH2M
	07/15/2014	ND (1.0)	0.79	NA	CH2M
	10/15/2014	ND (1.0)	0.89	NA	CH2M
	01/13/2015	ND (1.0)	0.6	NA	CH2M
	08/05/2015	1.1	1.1	NA	CH2M
	10/07/2015	1.0	1.1	NA	Arcadis
No. of Samples: 21					
BGS-18	02/01/2006	1.53	1.75	NA	CH2M
	04/25/2006	1.91	1.61	NA	CH2M
	07/25/2006	ND (1.0)	0.27	NA	CH2M
	10/24/2006	1.19	0.915	NA	CH2M
No. of Samples: 4					
BGS-19	04/25/2006	ND (1.0)	0.658	NA	CH2M
	07/25/2006	1.08	1.03	NA	CH2M
	10/24/2006	1.14	1.06	NA	CH2M
	10/24/2006*	1.11	1.06	NA	CH2M
No. of Samples: 4					
BGS-22	01/30/2006	ND (1.0)	1.12	NA	CH2M
	01/30/2006*	ND (1.0)	1.08	NA	CH2M
	04/25/2006	1.23	1.36	NA	CH2M
	07/24/2006	ND (1.0)	0.813	NA	CH2M
	10/24/2006	ND (1.0)	0.608	NA	CH2M
	10/18/2011	1.5	1.4	NA	CH2M
	01/03/2012	1.4	1.4	NA	CH2M
	04/03/2012	1.3	1.3	NA	CH2M
	07/13/2012	1.1	1.0	NA	CH2M
	10/05/2012	1.2	0.89	NA	CH2M
No. of Samples: 10					
BGS-23	01/31/2006	1.3	1.4	NA	CH2M
	04/24/2006	1.63	1.57 J	NA	CH2M
	04/24/2006*	1.48	1.48 J	NA	CH2M
	07/25/2006	1.29	1.27	NA	CH2M
	07/25/2006*	1.21	1.22	NA	CH2M
	10/24/2006	2.01	1.94	NA	CH2M
	06/21/2011	1.9	1.9	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-23	10/27/2011	ND (1.0)	0.88	NA	CH2M
	01/11/2012	1.6	1.7	NA	CH2M
	04/03/2012	1.8	2.0	NA	CH2M
	07/13/2012	ND (1.0)	0.81	NA	CH2M
	10/10/2012	ND (1.0)	0.49	NA	CH2M
	01/08/2013	1.9	2.1	NA	CH2M
	04/04/2013	2.0	2.0	NA	CH2M
	07/03/2013	1.3	1.5	NA	CH2M
No. of Samples: 15					
BGS-24	02/02/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/27/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/07/2010	ND (1.0)	0.51	NA	CH2M
No. of Samples: 4					
BGS-25	01/30/2006	ND (1.0)	0.477	NA	CH2M
	04/26/2006	1.2	0.767	NA	CH2M
	07/26/2006	1.54	1.31 J	NA	CH2M
	10/23/2006	1.21	0.988	NA	CH2M
	10/06/2011	1.7	1.5	NA	CH2M
	10/19/2011	1.9	1.6	NA	CH2M
	01/11/2012	1.3	1.4	NA	CH2M
	04/06/2012	1.5	1.5	NA	CH2M
	07/19/2012	1.4	1.5	NA	CH2M
	07/19/2012*	1.4	1.5	NA	CH2M
	10/18/2012	1.4	1.5	NA	CH2M
	01/09/2013	1.2	1.2	NA	CH2M
	04/04/2013	1.3	1.1	NA	CH2M
	04/04/2013*	1.3	1.1	NA	CH2M
	07/11/2013	1.5	1.8	NA	CH2M
	10/04/2013	1.7	1.7	NA	CH2M
	01/09/2014	1.6	1.5	NA	CH2M
	04/04/2014	1.8	1.9	NA	CH2M
	07/10/2014	1.9	2.0	NA	CH2M
	10/09/2014	2.0	2.0	NA	CH2M
	01/14/2015	1.6	1.6	NA	CH2M
	04/02/2015	1.9	1.6	NA	CH2M
	07/10/2015	2.0	2.0	NA	CH2M
No. of Samples: 23					
BGS-27	02/02/2006	1.87	1.64	NA	CH2M
	04/25/2006	1.66	1.4	NA	CH2M
	07/26/2006	1.43	1.38 J	NA	CH2M
	10/24/2006	1.38	1.28	NA	CH2M
	11/16/2011	ND (1.0)	1.0	NA	CH2M
	01/03/2012	ND (1.0)	0.74	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-27	05/09/2012	ND (1.0)	0.86	NA	CH2M
	07/16/2012	ND (1.0)	0.48	NA	CH2M
	10/02/2012	ND (1.0)	0.92	NA	CH2M
	01/09/2013	1.0	1.1	NA	CH2M
	04/02/2013	1.0	1.1	NA	CH2M
	07/01/2013	1.0	1.1	NA	CH2M
	07/01/2013*	1.1	1.1	NA	CH2M
	10/02/2013	1.3	1.3	NA	CH2M
	01/10/2014	ND (1.0)	1.2	NA	CH2M
	04/01/2014	1.0	0.94	NA	CH2M
	07/02/2014	ND (1.0)	0.92	NA	CH2M
	10/16/2014	ND (1.0)	1.1	NA	CH2M
	01/07/2015	1.2	0.15	NA	CH2M
No. of Samples: 19					
BGS-28	07/26/2006	2.52	2.07 J	NA	CH2M
	10/25/2006	2.3	2.06	NA	CH2M
No. of Samples: 2					
BGS-29	07/26/2006	2.11	1.95 J	NA	CH2M
	09/26/2006	2.15	1.74 J	NA	CH2M
	11/13/2006	1.71	1.87	NA	CH2M
No. of Samples: 3					
BGS-30	07/26/2006	2.53	2.29 J	NA	CH2M
	07/26/2006*	2.48	2.31 J	NA	CH2M
No. of Samples: 2					
BGS-31	07/26/2006	1.88	1.12 J	NA	CH2M
	09/27/2006	1.36	0.684	NA	CH2M
	11/13/2006	ND (1.0)	0.729	NA	CH2M
No. of Samples: 3					
BGS-32	09/26/2006	3.0	1.21 J	NA	CH2M
	09/26/2006*	3.15	1.07 J	NA	CH2M
	11/15/2006	2.45	1.77	NA	CH2M
No. of Samples: 3					
BGS-33	09/26/2006	2.17	0.862 J	NA	CH2M
	11/15/2006	1.71	2.1	NA	CH2M
No. of Samples: 2					
BGS-34	09/26/2006	1.88	1.23 J	NA	CH2M
	11/13/2006	1.42	1.19	NA	CH2M
No. of Samples: 2					
BGS-35	09/26/2006	2.5	1.5 J	NA	CH2M
	11/15/2006	2.3	2.56	NA	CH2M
No. of Samples: 2					
BGS-36	09/26/2006	2.69	2.1 J	NA	CH2M
	11/13/2006	2.33	2.62	NA	CH2M
No. of Samples: 2					

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-37	09/26/2006	2.44	1.34 J	NA	CH2M
	11/13/2006	2.0	1.65	NA	CH2M
No. of Samples:	2				
BGS-38	09/27/2006	2.67	2.05	NA	CH2M
	11/13/2006	2.41	2.44	NA	CH2M
No. of Samples:	2				
BGS-39	09/27/2006	1.97	1.3	NA	CH2M
	11/15/2006	2.18	2.56	NA	CH2M
No. of Samples:	2				
BGS-40	09/27/2006	2.26	2.03	NA	CH2M
	11/15/2006	2.04	2.47	NA	CH2M
No. of Samples:	2				
BGS-41	09/27/2006	1.57	1.0	NA	CH2M
	09/27/2006*	1.54	0.957	NA	CH2M
	11/14/2006	1.41	1.46 J	NA	CH2M
	11/14/2006*	1.38	1.42 J	NA	CH2M
No. of Samples:	4				
BGS-42	09/27/2006	2.29	1.56	NA	CH2M
	11/15/2006	2.08	2.35	NA	CH2M
	11/15/2006*	2.06	2.14	NA	CH2M
No. of Samples:	3				
BGS-43	09/28/2006	1.94	1.88	NA	CH2M
	11/14/2006	1.59	1.59	NA	CH2M
No. of Samples:	2				
BGS-44	09/28/2006	2.02	1.85	NA	CH2M
	11/14/2006	ND (1.0)	1.69 J	NA	CH2M
No. of Samples:	2				
BGS-45	09/28/2006	1.93	1.77	NA	CH2M
No. of Samples:	1				
BGS-46	09/28/2006	2.38	2.2	NA	CH2M
	11/15/2006	1.81	2.44	NA	CH2M
	10/27/2010	1.8	2.0	NA	CH2M
	10/27/2010*	1.5	1.8	NA	CH2M
	02/09/2011	2.0	1.9	NA	CH2M
	04/06/2011	1.9	1.9	NA	CH2M
	07/08/2011	1.8	2.0	NA	CH2M
	07/08/2011*	1.8	2.0	NA	CH2M
	10/06/2011	1.8	2.0	NA	CH2M
	01/03/2012	1.7	1.8	NA	CH2M
	04/03/2012	1.7	1.8	NA	CH2M
	04/03/2012*	1.7	1.8	NA	CH2M
	07/17/2012	1.9	1.8	NA	CH2M
	10/02/2012	1.6	1.6	NA	CH2M
	10/02/2012*	1.7	1.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-46	01/08/2013	1.6	1.7	NA	CH2M
	04/04/2013	1.7	1.6	NA	CH2M
	07/09/2013	1.4	1.7	NA	CH2M
	10/02/2013	1.4	1.5	NA	CH2M
	01/09/2014	1.1	1.2	NA	CH2M
	04/04/2014	ND (1.0)	0.74	NA	CH2M
	04/04/2014*	1.0	0.74	NA	CH2M
	07/09/2014	1.2	1.2	NA	CH2M
	10/13/2014	ND (1.0)	0.76	NA	CH2M
	01/14/2015	ND (1.0)	0.71	NA	CH2M
	04/02/2015	ND (1.0)	0.71	NA	CH2M
	07/14/2015	ND (1.0)	0.46	NA	CH2M
No. of Samples: 27					
BGS-47	09/28/2006	2.94	2.45	NA	CH2M
	11/15/2006	2.28	2.69	NA	CH2M
	11/09/2011	2.5	2.6	NA	CH2M
	01/03/2012	2.3	2.2	NA	CH2M
	05/10/2012	1.9	1.8	NA	CH2M
	07/16/2012	1.8	1.9	NA	CH2M
	10/02/2012	2.1	2.0	NA	CH2M
	01/14/2013	2.0	2.0	NA	CH2M
	04/03/2013	1.8	1.6	NA	CH2M
	07/09/2013	1.8	1.7	NA	CH2M
	10/02/2013	2.0	2.0	NA	CH2M
	01/09/2014	1.9	1.9	NA	CH2M
	04/04/2014	2.1	1.6	NA	CH2M
	07/02/2014	1.9	1.7	NA	CH2M
	10/16/2014	1.8	1.6	NA	CH2M
	01/15/2015	2.1	2.1	NA	CH2M
	04/09/2015	2.1	1.8	NA	CH2M
	07/10/2015	2.0	1.7	NA	CH2M
	10/13/2015	2.2	2.1	NA	Arcadis
No. of Samples: 19					
BGS-48	09/28/2006	ND (1.0)	0.577 J	NA	CH2M
	10/19/2006	ND (1.0)	0.861	NA	CH2M
	08/06/2009	ND (1.0)	ND (0.2)	NA	CH2M
	12/08/2010	ND (1.0)	0.25	NA	CH2M
	03/10/2011	ND (1.0)	0.28	NA	CH2M
	09/06/2011	ND (1.0)	0.49	NA	CH2M
	11/18/2011	ND (1.0)	0.54	NA	CH2M
	01/03/2012	ND (1.0)	0.52	NA	CH2M
	01/03/2012*	ND (1.0)	0.49	NA	CH2M
	04/03/2012	ND (1.0)	0.21	NA	CH2M
	07/12/2012	ND (1.0)	0.13	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-48	10/02/2012	ND (1.0)	0.5	NA	CH2M
	01/09/2013	ND (1.0)	0.18	NA	CH2M
	01/09/2013*	ND (1.0)	0.37	NA	CH2M
	04/02/2013	ND (1.0)	0.087	NA	CH2M
	07/08/2013	ND (1.0)	0.13	NA	CH2M
	10/02/2013	ND (1.0)	0.082	NA	CH2M
	01/10/2014	ND (1.0)	0.071	NA	CH2M
	04/02/2014	ND (1.0)	0.062	NA	CH2M
	07/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	0.075	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2015	ND (1.0)	0.1	NA	Arcadis
	01/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2016	ND (1.0)	0.076	NA	Arcadis
	07/06/2016	ND (1.0)	0.12	NA	Arcadis
	10/04/2016	ND (1.0)	0.16	NA	Arcadis
	01/10/2017	ND (1.0)	0.16	NA	Arcadis
	04/04/2017	ND (1.0)	0.23	NA	Arcadis
	07/11/2017	ND (1.0)	ND (0.33)	NA	Arcadis
	10/03/2017	ND (1.0)	0.45	NA	Arcadis
	01/16/2018	ND (1.0)	0.35	NA	Arcadis
	04/03/2018	ND (1.0)	0.45	NA	Arcadis
	07/10/2018	ND (1.0)	0.47	NA	Arcadis
	10/09/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2019	ND (1.0)	0.25	NA	Arcadis
	04/02/2019	ND (1.0)	0.18	NA	Arcadis
	07/09/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2019	ND (1.0)	0.081	NA	Arcadis
	01/14/2020	ND (1.0)	0.27	NA	Arcadis
	04/07/2020	ND (1.0)	0.27	NA	Arcadis
No. of Samples:		43			
BGS-49	09/28/2006	1.83	1.19	NA	CH2M
	09/28/2006*	1.78	1.18	NA	CH2M
	11/14/2006	1.77	0.933 J	NA	CH2M
	11/02/2010	1.7	1.4	NA	CH2M
No. of Samples:		4			
BGS-50	11/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	01/28/2011	2.0	1.8	NA	CH2M
No. of Samples:		2			
BGS-51	11/14/2006	1.93	1.89 J	NA	CH2M
	12/06/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-51	10/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	ND (1.0)	0.11	NA	CH2M
	01/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		8			
BW-01D	10/25/2007	1.14	0.817	NA	Arcadis
	10/31/2011	5.0	3.8	NA	CH2M
	12/21/2011	3.2	2.8	NA	CH2M
	04/06/2012	2.5	2.1	NA	CH2M
	04/30/2012	2.4	2.2	NA	CH2M
	07/23/2012	1.7	1.5	NA	CH2M
	10/15/2012	1.6	1.5	NA	CH2M
	01/16/2013	2.1	1.9	NA	CH2M
	04/01/2013	1.8	1.4	NA	CH2M
	07/10/2013	2.2	1.7	NA	CH2M
	10/17/2013	2.4	2.1	NA	CH2M
	01/15/2014	2.9	2.2	NA	CH2M
	01/15/2014*	2.9	2.2	NA	CH2M
	04/04/2014	2.9	2.5	NA	CH2M
	07/10/2014	3.0	2.8	NA	CH2M
	10/17/2014	3.5	3.2	NA	CH2M
	01/07/2015	3.4	4.0	NA	CH2M
	04/14/2015	3.9	4.0	NA	CH2M
	07/21/2015	3.8	4.0	NA	CH2M
	10/12/2015	4.4	4.3	NA	Arcadis
	01/13/2016	4.3	4.6	NA	Arcadis
	04/20/2016	5.0	4.6	NA	Arcadis
	07/20/2016	4.9	4.6	NA	Arcadis
	10/19/2016	5.7	5.0	NA	Arcadis
	02/02/2017	5.6	5.2	NA	Arcadis
	04/19/2017	5.6	6.0	NA	Arcadis
	07/24/2017	5.6	6.0	NA	Arcadis
	07/24/2017*	5.5	6.0	NA	Arcadis
	10/18/2017	7.5	7.5	NA	Arcadis
	01/23/2018	8.6	8.7	NA	Arcadis
	01/23/2018*	8.9	8.8	NA	Arcadis
	04/18/2018	9.5	9.3	NA	Arcadis
	07/10/2018	12	12	NA	Arcadis
	10/18/2018	17	16	NA	Arcadis
	01/10/2019	20	17	NA	Arcadis
	05/08/2019	13	14	NA	Arcadis
	07/10/2019	6.9	7.2	NA	Arcadis
	10/21/2019	3.7	3.4	NA	Arcadis
	01/13/2020	3.2	2.3	NA	Arcadis

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BW-01D	04/09/2020	2.5	2.2	NA	Arcadis
	07/08/2020	2.5	1.8	NA	Arcadis
	07/08/2020*	2.5	1.7	NA	Arcadis
	10/23/2020	2.7	1.5	NA	Arcadis
	10/23/2020*	2.7	1.5	NA	Arcadis
	12/03/2020	1.9	1.7	NA	Arcadis
	01/04/2021	1.8	1.5	NA	Arcadis
	04/16/2021	2.7	1.8	NA	Arcadis
No. of Samples: 47					
BW-01S	10/25/2007	1.36	ND (0.2)	NA	Arcadis
	10/31/2011	2.5	1.9	NA	CH2M
	12/21/2011	1.5	1.2	NA	CH2M
	04/06/2012	1.3	0.88	NA	CH2M
	04/30/2012	ND (1.0)	0.82	NA	CH2M
	07/23/2012	ND (1.0)	0.61	NA	CH2M
	10/15/2012	ND (1.0)	0.65	NA	CH2M
	01/16/2013	ND (1.0)	0.59	NA	CH2M
	04/01/2013	ND (1.0)	0.48	NA	CH2M
	07/10/2013	1.0	0.51	NA	CH2M
	10/17/2013	ND (1.0)	0.62	NA	CH2M
	01/15/2014	ND (1.0)	0.54	NA	CH2M
	04/04/2014	ND (1.0)	0.69	NA	CH2M
	07/10/2014	ND (1.0)	0.77	NA	CH2M
	07/10/2014*	ND (1.0)	0.72	NA	CH2M
	10/17/2014	1.5	1.3	NA	CH2M
	01/07/2015	2.7	3.2	NA	CH2M
	04/14/2015	4.7	4.8	NA	CH2M
	07/21/2015	6.5	6.9	NA	CH2M
	10/12/2015	6.5	6.1	NA	Arcadis
	01/13/2016	4.2	3.9	NA	Arcadis
	04/20/2016	4.4	4.3	NA	Arcadis
	04/20/2016*	4.4	4.2	NA	Arcadis
	07/20/2016	3.8	3.4	NA	Arcadis
	10/19/2016	4.3	3.9	NA	Arcadis
	02/02/2017	5.3	5.1	NA	Arcadis
	04/19/2017	4.7	4.9	NA	Arcadis
	07/24/2017	3.7	3.6	NA	Arcadis
	10/18/2017	6.3	7.1	NA	Arcadis
	01/23/2018	9.1	8.9	NA	Arcadis
	04/18/2018	11	11	NA	Arcadis
	06/06/2018	15	15	NA	Arcadis
	07/10/2018	16	16	NA	Arcadis
	10/18/2018	18	18	NA	Arcadis
	02/11/2019	6.0	4.4	NA	Arcadis
	03/06/2019	9.4	8.7	NA	Arcadis

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BW-01S	05/08/2019	19	19	NA	Arcadis
	07/10/2019	13	13	NA	Arcadis
	10/21/2019	3.2	2.6	NA	Arcadis
	01/14/2020	2.0	1.1	NA	Arcadis
	04/09/2020	6.5	6.2	NA	Arcadis
	06/02/2020	9.5	9.8	NA	Arcadis
	07/08/2020	4.6	3.9	NA	Arcadis
	10/23/2020	2.3	0.28	NA	Arcadis
	12/03/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2021	1.9	1.2	NA	Arcadis
No. of Samples:		47			
C-01	05/11/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2011	3.0	3.0	NA	CH2M
	07/21/2011	2.8	2.8	NA	CH2M
	09/06/2011	2.6	2.7	NA	CH2M
	10/25/2011	2.9	2.8	NA	CH2M
	11/22/2011	2.9	2.9	NA	CH2M
	12/21/2011	2.0	1.7	NA	CH2M
	01/27/2012	3.0	2.8	NA	CH2M
	04/18/2012	5.2	5.1	NA	CH2M
	07/09/2012	6.4	6.8	NA	CH2M
	10/11/2012	5.5	5.4	NA	CH2M
	01/28/2013	3.2	2.7	NA	CH2M
	04/01/2013	6.4	6.8	NA	CH2M
	07/08/2013	7.4	6.7	NA	CH2M
	10/09/2013	5.6	5.6	NA	CH2M
	10/09/2013*	5.3	5.6	NA	CH2M
	01/08/2014	5.7	5.2	NA	CH2M
	04/10/2014	7.6	6.7	NA	CH2M
	07/16/2014	6.4	7.0	NA	CH2M
	10/10/2014	6.3	7.1	NA	CH2M
	01/08/2015	3.4	4.0	NA	CH2M
	04/10/2015	4.4	4.4	NA	CH2M
	07/09/2015	2.7	3.1	NA	CH2M
	10/06/2015	3.0	3.1	NA	Arcadis
	01/12/2016	3.4	3.0	NA	Arcadis
	05/03/2016	2.4	2.1	NA	Arcadis
	07/21/2016	2.1	2.5	NA	Arcadis
	10/06/2016	2.4	2.4	NA	Arcadis
	01/05/2017	2.0	2.3	NA	Arcadis
	04/06/2017	2.1	2.3	NA	Arcadis
	04/06/2017*	2.0	2.4	NA	Arcadis
	10/03/2017	2.2	2.7	NA	Arcadis
	04/05/2018	2.2	2.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
C-01	10/16/2018	1.9	2.0	NA	Arcadis
	04/04/2019	1.5	0.74	NA	Arcadis
	10/17/2019	1.6	1.6	NA	Arcadis
	04/14/2020	1.5	1.4	NA	Arcadis
	10/15/2020	1.5	1.3	NA	Arcadis
	10/15/2020*	1.5	1.3	NA	Arcadis
	04/08/2021	1.3	1.0	NA	Arcadis
No. of Samples: 40					
C-02	06/06/2011	11.6	11.5	NA	CH2M
	07/21/2011	12.6	12	NA	CH2M
	09/06/2011	12	12.7	NA	CH2M
	10/25/2011	14	14.7	NA	CH2M
	11/22/2011	13	12.2	NA	CH2M
	12/21/2011	4.7	2.5	NA	CH2M
	01/27/2012	11.3	10.4	NA	CH2M
	04/19/2012	14	12.6	NA	CH2M
	07/09/2012	12	12.4	NA	CH2M
	10/11/2012	12.1	11.9	NA	CH2M
	10/11/2012*	11.5	12	NA	CH2M
	01/16/2013	11.6	10.1	NA	CH2M
	04/01/2013	11	9.5	NA	CH2M
	07/08/2013	8.0	7.6	NA	CH2M
	07/08/2013*	8.3	7.6	NA	CH2M
	10/09/2013	7.7	7.2	NA	CH2M
	01/08/2014	8.0	8.5	NA	CH2M
	04/10/2014	8.8	8.7	NA	CH2M
	07/16/2014	7.6	8.1	NA	CH2M
	10/10/2014	7.3	8.0	NA	CH2M
	01/08/2015	7.6	8.7	NA	CH2M
	04/09/2015	7.2	7.6	NA	CH2M
	07/09/2015	6.7	7.2	NA	CH2M
	07/09/2015*	6.3	7.2	NA	CH2M
	10/06/2015	6.6	7.0	NA	Arcadis
	01/05/2016	6.7	6.3	NA	Arcadis
	04/05/2016	5.9	5.6	NA	Arcadis
	07/21/2016	1.4	1.4	NA	Arcadis
	10/04/2016	6.0	5.1	NA	Arcadis
	12/08/2016	5.7	5.9	NA	Arcadis
	01/05/2017	5.7	5.8	NA	Arcadis
	01/05/2017*	5.9	5.9	NA	Arcadis
	04/06/2017	5.4	5.6	NA	Arcadis
	07/20/2017	4.7	5.2	NA	Arcadis
	07/20/2017*	4.9	5.2	NA	Arcadis
	10/03/2017	4.7	5.4	NA	Arcadis
	04/05/2018	4.6	4.9	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
C-02	10/05/2018	4.4	4.2	NA	Arcadis
	04/04/2019	4.0	3.6	NA	Arcadis
	10/10/2019	3.6	3.2	NA	Arcadis
	10/10/2019*	3.6	3.2	NA	Arcadis
	04/07/2020	4.1	4.3	NA	Arcadis
	10/07/2020	4.0	3.9	NA	Arcadis
	10/07/2020*	4.1	3.9	NA	Arcadis
	04/08/2021	3.9	4.0	NA	Arcadis
No. of Samples: 45					
C-03	05/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2011	11.6	10.5	NA	CH2M
	07/21/2011	12.3	11.3	NA	CH2M
	07/21/2011*	12.1	11	NA	CH2M
	09/06/2011	10.3	9.7	NA	CH2M
	10/25/2011	11.9	12.8	NA	CH2M
	11/22/2011	11.1	8.5 J	NA	CH2M
	11/22/2011*	10.6	5.5 J	NA	CH2M
	12/21/2011	11.8	10.2	NA	CH2M
	01/27/2012	12.3	11	NA	CH2M
	04/19/2012	10.7	9.4	NA	CH2M
	04/19/2012*	10.4	9.3	NA	CH2M
	07/09/2012	7.4	7.4	NA	CH2M
	10/11/2012	6.5	6.5	NA	CH2M
	01/16/2013	5.2	4.9	NA	CH2M
	01/16/2013*	5.1	4.9	NA	CH2M
	04/01/2013	3.2	3.1	NA	CH2M
	07/08/2013	3.4	3.0	NA	CH2M
	10/09/2013	2.6	2.7	NA	CH2M
	01/08/2014	3.0	2.9	NA	CH2M
	04/10/2014	3.4	3.1	NA	CH2M
	07/16/2014	2.7	2.9	NA	CH2M
	10/10/2014	2.7	2.9	NA	CH2M
	01/08/2015	2.5	3.2	NA	CH2M
	01/08/2015*	2.6	3.2	NA	CH2M
	04/09/2015	2.2	2.5	NA	CH2M
	07/09/2015	1.9	0.6	NA	CH2M
	10/06/2015	1.9	2.3	NA	Arcadis
	01/12/2016	1.9	2.2	NA	Arcadis
	04/05/2016	2.0	2.1	NA	Arcadis
	07/21/2016	2.0	2.1	NA	Arcadis
	10/06/2016	2.1	2.1	NA	Arcadis
	10/06/2016*	2.2	2.1	NA	Arcadis
	01/11/2017	2.3	2.4	NA	Arcadis
	04/06/2017	2.2	2.4	NA	Arcadis
	07/20/2017	ND (1.0)	ND (0.06)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
C-03	10/03/2017	1.7	2.1	NA	Arcadis
	10/03/2017*	1.5	2.1	NA	Arcadis
	04/03/2018	1.9	2.2	NA	Arcadis
	04/03/2018*	2.0	2.2	NA	Arcadis
	10/05/2018	2.0	1.9	NA	Arcadis
	04/04/2019	1.5	1.9	NA	Arcadis
	10/10/2019	1.5	1.8	NA	Arcadis
	04/07/2020	1.7	1.8	NA	Arcadis
	10/07/2020	2.1	2.0	NA	Arcadis
	04/08/2021	2.8	2.9	NA	Arcadis
<i>No. of Samples:</i> 46					
C-04	05/11/2011	ND (1.0)	0.3	NA	CH2M
	06/06/2011	2.9	2.6	NA	CH2M
	07/21/2011	2.5	2.7	NA	CH2M
	09/06/2011	3.5	3.3	NA	CH2M
	10/25/2011	3.8	3.4	NA	CH2M
	11/22/2011	3.3	3.1	NA	CH2M
	12/21/2011	ND (1.0)	0.69	NA	CH2M
	01/27/2012	3.7	3.4	NA	CH2M
	01/27/2012*	3.7	3.4	NA	CH2M
	04/19/2012	4.9	4.1	NA	CH2M
	07/09/2012	5.2	5.4	NA	CH2M
	07/09/2012*	5.2	5.4	NA	CH2M
	10/11/2012	4.3	4.0	NA	CH2M
	01/16/2013	6.7	6.6	NA	CH2M
	04/01/2013	6.0	6.2	NA	CH2M
	04/01/2013*	5.9	6.3	NA	CH2M
	07/08/2013	6.8	6.5	NA	CH2M
	10/09/2013	6.5	6.6	NA	CH2M
	01/08/2014	5.4	5.2	NA	CH2M
	04/10/2014	7.6	7.9	NA	CH2M
	07/16/2014	6.3	7.3	NA	CH2M
	07/16/2014*	6.5	7.3	NA	CH2M
	10/10/2014	7.0	7.9	NA	CH2M
	01/08/2015	4.6	5.3	NA	CH2M
	04/09/2015	4.6	4.5	NA	CH2M
	07/09/2015	4.7	5.2	NA	CH2M
	10/23/2015	2.5	2.9	NA	Arcadis
	01/12/2016	2.4	2.4	NA	Arcadis
	04/05/2016	2.7	2.6	NA	Arcadis
	07/21/2016	2.4	2.6	NA	Arcadis
	10/04/2016	2.6	2.3	NA	Arcadis
	01/05/2017	2.4	2.3	NA	Arcadis
	04/06/2017	2.2	2.2	NA	Arcadis
	10/03/2017	2.9	3.1	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
C-04	04/05/2018	3.0	3.2	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019	2.4	2.5	NA	Arcadis
	04/14/2020	ND (1.0)	0.43	NA	Arcadis
	10/15/2020	3.3	0.66	NA	Arcadis
	12/03/2020	1.4	0.89	NA	Arcadis
	04/08/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/15/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 43					
DW-01	11/13/2002	5.3	3.3	NA	CH2M
	11/13/2002*	5.2	3.5	NA	CH2M
	01/24/2003	4.8	3.3	NA	CH2M
	01/24/2003*	7.0	3.6	NA	CH2M
	02/20/2003	6.3	3.4	NA	CH2M
	04/17/2003	4.9	3.3	NA	CH2M
	04/17/2003*	6.2	3.5	NA	CH2M
	07/15/2003	5.3	4.1	NA	CH2M
	07/15/2003*	4.6	3.8	NA	CH2M
	01/26/2004	6.8	3.9	NA	CH2M
	01/26/2004*	6.2	3.9	NA	CH2M
	04/28/2004	4.4	4.0	NA	CH2M
	04/28/2004*	4.7	4.0	NA	CH2M
	07/13/2004	4.4	4.2	NA	CH2M
	07/13/2004*	4.2	4.2	NA	CH2M
	10/13/2004	3.98	4.24	NA	CH2M
	10/13/2004*	4.0	4.28	NA	CH2M
	01/17/2005	7.1	6.08	NA	CH2M
	02/04/2005	5.04	4.63	NA	CH2M
	04/15/2005	7.04	5.65	NA	CH2M
	08/17/2005	3.22	2.94	NA	CH2M
	10/14/2005	5.04	2.84	NA	CH2M
	12/06/2005	3.71	2.91	NA	CH2M
	02/14/2006	5.46	5.31	NA	CH2M
	04/19/2006	7.25	2.44	NA	CH2M
	08/14/2006	2.39	2.43	NA	CH2M
	08/14/2006*	2.53	2.52	NA	CH2M
	12/07/2006	3.34	ND (0.2)	NA	CH2M
	02/14/2007	3.44	3.61	NA	CH2M
	02/14/2007*	3.4	3.59	NA	CH2M
	04/11/2007	5.33	4.04	NA	CH2M
	06/20/2007	3.94	4.04	NA	CH2M
	08/16/2007	4.64	4.53	NA	CH2M
	10/15/2007	4.3	4.41	NA	CH2M
	12/11/2007	3.63	3.42	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-01	02/12/2008	3.53	3.44	NA	CH2M
	02/12/2008*	3.39	3.42	NA	CH2M
	04/11/2008	3.54	3.72	NA	CH2M
	06/09/2008	3.94	3.65	NA	CH2M
	08/07/2008	3.61	3.21	NA	CH2M
	11/05/2008	2.99	3.48	NA	CH2M
	02/04/2009	4.07	4.21	NA	CH2M
	05/13/2009	4.06	4.16	NA	CH2M
	08/07/2009	3.67	3.92	NA	CH2M
	11/10/2009	3.58	3.39	NA	CH2M
	02/09/2010	4.45	3.84	NA	CH2M
	05/12/2010	4.4	4.5	NA	CH2M
	08/19/2010	4.8	4.7	NA	CH2M
	10/28/2010	3.8	4.3	NA	CH2M
	01/26/2011	4.5	4.4	NA	CH2M
	05/05/2011	4.6	4.9	NA	CH2M
	07/29/2011	5.6	4.4	NA	CH2M
	11/01/2011	4.6	4.1	NA	CH2M
	01/12/2012	3.9	3.4	NA	CH2M
	01/12/2012*	3.5	3.4	NA	CH2M
	04/10/2012	4.0	3.8	NA	CH2M
	07/23/2012	4.0	3.5	NA	CH2M
	10/17/2012	3.9	3.6	NA	CH2M
	02/01/2013	3.4	3.0	NA	CH2M
	04/16/2013	3.3	3.0	NA	CH2M
	04/16/2013*	3.3	3.0	NA	CH2M
	07/31/2013	4.1	2.7	NA	CH2M
	10/15/2013	2.9	2.8	NA	CH2M
	01/24/2014	2.4	2.4	NA	CH2M
	04/14/2014	2.3	2.3	NA	CH2M
	07/22/2014	3.0	2.6	NA	CH2M
	10/10/2014	2.6	2.5	NA	CH2M
	10/10/2014*	2.9	2.5	NA	CH2M
	01/20/2015	2.9	2.6	NA	CH2M
	04/08/2015	2.3	2.0	NA	CH2M
	07/22/2015	2.5	2.4	NA	CH2M
	10/14/2015	3.5	3.2	NA	Arcadis
	10/14/2015*	3.4	3.2	NA	Arcadis
No. of Samples:		73			
DW-02	11/13/2002	2.0	ND (0.2)	NA	CH2M
	01/24/2003	2.9	ND (0.2)	NA	CH2M
	02/20/2003	6.2	ND (0.2)	NA	CH2M
	04/17/2003	3.7	ND (0.2)	NA	CH2M
	07/15/2003	2.8	0.2	NA	CH2M
	01/27/2004	6.9	ND (0.2)	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-02	04/28/2004	2.7	ND (0.2)	NA	CH2M
	07/13/2004	1.2	ND (0.2)	NA	CH2M
	10/13/2004	ND (1.0)	ND (1.0)	NA	CH2M
	01/17/2005	2.0	ND (0.2)	NA	CH2M
	02/04/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/15/2005	3.01	ND (1.0)	NA	CH2M
	08/17/2005	ND (1.0)	ND (1.0)	NA	CH2M
	10/14/2005	4.01	ND (1.0)	NA	CH2M
	12/06/2005	2.08	ND (1.0)	NA	CH2M
	02/14/2006	ND (2.0)	ND (1.0)	NA	CH2M
	04/19/2006	10.8	ND (1.0)	NA	CH2M
	04/19/2006*	12.6	ND (1.0)	NA	CH2M
	06/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	12/08/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/08/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2007	2.91	ND (1.0)	NA	CH2M
	04/11/2007*	3.0	ND (1.0)	NA	CH2M
	06/21/2007	ND (1.0)	ND (1.0)	NA	CH2M
	08/16/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2007	ND (1.0)	ND (1.0)	NA	CH2M
	12/11/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (1.0)	NA	CH2M
	04/11/2008	ND (1.0)	ND (1.0)	NA	CH2M
	06/09/2008	2.05	1.42	NA	CH2M
	08/07/2008	ND (1.0)	ND (1.05)	NA	CH2M
	11/05/2008	ND (1.0)	0.442	NA	CH2M
	02/04/2009	ND (1.0)	ND (1.05)	NA	CH2M
	02/04/2009*	ND (1.0)	ND (1.05)	NA	CH2M
	05/13/2009	ND (1.0)	0.32	NA	CH2M
	08/07/2009	ND (1.0)	0.38	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	0.46	NA	CH2M
	08/19/2010	ND (1.0)	ND (0.52)	NA	CH2M
	10/28/2010	ND (1.0)	0.31	NA	CH2M
	01/26/2011	ND (1.0)	1.1	NA	CH2M
	05/05/2011	1.0	0.7	NA	CH2M
	07/28/2011	ND (1.0)	0.67	NA	CH2M
	11/01/2011	ND (1.1)	ND (1.0)	NA	CH2M
	11/01/2011*	ND (1.1)	ND (1.0)	NA	CH2M
	01/12/2012	1.0	0.78	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-02	04/10/2012	1.4	0.89	NA	CH2M
	07/23/2012	1.0	0.86	NA	CH2M
	10/17/2012	ND (1.0)	0.93	NA	CH2M
	02/01/2013	1.2	0.93	NA	CH2M
	04/16/2013	1.2	1.1	NA	CH2M
	07/31/2013	1.2	1.1	NA	CH2M
	10/15/2013	1.2	1.2	NA	CH2M
	01/24/2014	1.2	1.2	NA	CH2M
	01/24/2014*	1.3	1.3	NA	CH2M
	04/15/2014	1.2	1.5	NA	CH2M
	07/22/2014	1.3	1.4	NA	CH2M
	10/10/2014	1.2	1.5	NA	CH2M
	01/13/2015	1.4	1.7	NA	CH2M
	04/07/2015	1.6	1.7	NA	CH2M
	07/22/2015	1.4	1.7	NA	CH2M
	07/22/2015*	1.4	1.7	NA	CH2M
	10/14/2015	1.5	1.9	NA	Arcadis
	01/07/2016	1.8	1.7	NA	Arcadis
	04/12/2016	1.4	1.5	NA	Arcadis
	07/13/2016	1.4	1.8	NA	Arcadis
	10/20/2016	1.8	1.9	NA	Arcadis
	01/04/2017	1.7	2.0	NA	Arcadis
	01/04/2017*	1.7	2.0	NA	Arcadis
	04/10/2017	2.1	2.4	NA	Arcadis
	07/14/2017	2.1	2.3	NA	Arcadis
	10/11/2017	1.9	2.4	NA	Arcadis
	01/09/2018	2.1	2.2	NA	Arcadis
	04/10/2018	1.9	2.2	NA	Arcadis
	07/10/2018	1.9	1.9	NA	Arcadis
	10/12/2018	1.8	1.8	NA	Arcadis
	01/10/2019	1.9	1.9	NA	Arcadis
	04/04/2019	1.7	2.0	NA	Arcadis
	07/10/2019	5.1	1.7	NA	Arcadis
	09/05/2019	2.0	2.0	NA	Arcadis
	10/15/2019	1.7	1.8	NA	Arcadis
	01/06/2020	2.0	2.0	NA	Arcadis
	04/17/2020	2.8	1.7	NA	Arcadis
	07/06/2020	2.5	1.9	NA	Arcadis
	10/14/2020	1.8	1.4	NA	Arcadis
	01/19/2021	2.1	2.1	NA	Arcadis
	04/15/2021	1.5	1.6	NA	Arcadis
No. of Samples:		92			
DW-03	11/13/2002	2.9	1.5	NA	CH2M
	01/24/2003	3.6	1.7	NA	CH2M
	02/20/2003	4.4	1.8	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-03	02/20/2003*	4.6	1.8	NA	CH2M
	04/17/2003	4.9	1.9	NA	CH2M
	07/15/2003	3.2	1.8	NA	CH2M
	01/27/2004	5.0	2.0 J	NA	CH2M
	04/28/2004	3.0	1.5 J	NA	CH2M
	07/13/2004	2.3	2.0	NA	CH2M
	10/13/2004	2.36	2.09	NA	CH2M
	01/17/2005	3.36	1.99	NA	CH2M
	02/04/2005	2.73	1.96	NA	CH2M
	02/04/2005*	2.87	1.97	NA	CH2M
	04/15/2005	3.44	2.03	NA	CH2M
	04/15/2005*	3.53	2.08	NA	CH2M
	08/17/2005	2.44	1.94	NA	CH2M
	08/17/2005*	1.94	1.95	NA	CH2M
	10/14/2005	4.07	1.86	NA	CH2M
	10/14/2005*	2.86	1.88	NA	CH2M
	12/06/2005	2.15	1.44 J	NA	CH2M
	02/14/2006	2.37	2.01	NA	CH2M
	02/14/2006*	2.34	2.06	NA	CH2M
	04/19/2006	6.67	1.84	NA	CH2M
	06/13/2006	1.72	1.85	NA	CH2M
	08/14/2006	1.74	1.8	NA	CH2M
	10/16/2006	1.59	1.81	NA	CH2M
	12/08/2006	1.87	2.0	NA	CH2M
	02/14/2007	1.87	1.99	NA	CH2M
	04/11/2007	5.62	2.17	NA	CH2M
	08/16/2007	2.23	1.98	NA	CH2M
	08/16/2007*	2.28	2.24	NA	CH2M
	12/11/2007	1.87	1.77	NA	CH2M
	02/12/2008	2.03	2.02	NA	CH2M
	04/11/2008	2.31	2.28	NA	CH2M
	06/09/2008	2.11	1.87	NA	CH2M
	08/07/2008	2.1	1.96	NA	CH2M
	11/05/2008	1.7	1.97	NA	CH2M
	02/04/2009	2.17	1.71	NA	CH2M
	05/13/2009	1.96	2.11	NA	CH2M
	08/07/2009	1.91	2.19	NA	CH2M
	11/10/2009	1.9	1.92	NA	CH2M
	02/09/2010	1.63	1.99	NA	CH2M
	05/12/2010	1.8	2.0	NA	CH2M
	08/19/2010	1.8	ND (2.5)	NA	CH2M
	10/28/2010	1.0 J	1.5 J	NA	CH2M
	01/26/2011	1.5	2.1	NA	CH2M
	05/05/2011	2.0	2.2	NA	CH2M
	05/05/2011*	1.9	2.4	NA	CH2M

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-03	07/28/2011	1.1	1.3	NA	CH2M
	11/01/2011	ND (1.1)	ND (0.46)	NA	CH2M
	01/12/2012	1.9	1.5	NA	CH2M
	04/10/2012	2.1	1.2	NA	CH2M
	07/24/2012	2.6	1.4	NA	CH2M
	10/17/2012	1.4	1.5	NA	CH2M
	01/31/2013	2.1	1.6	NA	CH2M
	04/16/2013	1.8	1.4	NA	CH2M
	07/31/2013	2.0	1.2	NA	CH2M
	10/15/2013	1.3	1.2	NA	CH2M
	01/24/2014	1.3	1.4	NA	CH2M
	04/15/2014	1.5	1.4	NA	CH2M
	04/15/2014*	1.5	1.4	NA	CH2M
	07/22/2014	2.1	1.4	NA	CH2M
	10/10/2014	1.6	1.5	NA	CH2M
	01/13/2015	1.8	1.6	NA	CH2M
	04/07/2015	1.3	1.4	NA	CH2M
	07/22/2015	1.3	1.5	NA	CH2M
	10/14/2015	1.6	1.5	NA	Arcadis
	01/07/2016	1.6	1.6	NA	Arcadis
	04/08/2016	2.3	1.5	NA	Arcadis
	07/13/2016	1.4	1.6	NA	Arcadis
	10/31/2016	1.4	1.5	NA	Arcadis
	04/12/2017	2.1	1.5	NA	Arcadis
	10/10/2017	1.8	1.7	NA	Arcadis
	04/10/2018	1.9	1.9	NA	Arcadis
	10/12/2018	2.7	2.0	NA	Arcadis
	04/11/2019	2.0	2.0	NA	Arcadis
	10/15/2019	2.2	2.0	NA	Arcadis
	10/15/2019*	2.2	2.0	NA	Arcadis
	04/09/2020	2.2	2.2	NA	Arcadis
	04/09/2020*	2.2	2.2	NA	Arcadis
	10/15/2020	2.8	2.2	NA	Arcadis
	10/15/2020*	2.7	2.2	NA	Arcadis
	04/15/2021	2.0	1.9	NA	Arcadis
	04/15/2021*	2.2	1.9	NA	Arcadis
No. of Samples:		84			
EX-01	03/23/2004	39	37	NA	CH2M
	04/29/2004	31.6	29	NA	CH2M
	08/31/2004	62.7	64.7	NA	CH2M
	09/13/2004	86.9	84.2	NA	CH2M
	09/29/2004	64.3	NA	66.6	CH2M
	10/11/2004	56.6	56.2	NA	CH2M
	10/28/2004	33	32.1	NA	CH2M
	11/09/2004	51	NA	47.8	CH2M

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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-01	11/22/2004	56.9	NA	53.3	CH2M
	12/09/2004	38.4	36.3	NA	CH2M
	12/20/2004	39.7	37.9	NA	CH2M
	01/13/2005	42.7	40.9	NA	CH2M
	02/02/2005	29.7	27.7	NA	CH2M
	02/15/2005	31.5	NA	27.5	CH2M
	03/09/2005	30.6	NA	28.5	CH2M
	04/11/2005	25.6	25.9	NA	CH2M
	05/04/2005	22.8	24.4	NA	CH2M
	06/07/2005	25.7	23.7	NA	CH2M
	07/14/2005	21.4 J	20.6	NA	CH2M
	08/15/2005	20.7	17.8	NA	CH2M
	09/27/2005	15.9	19.1	NA	CH2M
	10/10/2005	17.5	17.1	NA	CH2M
	11/07/2005	20.8	20	NA	CH2M
	12/08/2005	18.8	18	NA	CH2M
	01/25/2006	16.4	18.1	NA	CH2M
	02/16/2006	19.8	19.6	NA	CH2M
	04/18/2006	19.4	15.8	NA	CH2M
	06/12/2006	22.1	16.6	NA	CH2M
	08/09/2006	14.9	17.5	NA	CH2M
	10/19/2006	17	17.8	NA	CH2M
	12/06/2006	16.2	18.8	NA	CH2M
	02/13/2007	19	19.8	NA	CH2M
	04/10/2007	24.1	18.2	NA	CH2M
	08/13/2007	20.7	17.7	NA	CH2M
	12/05/2007	21	19.9	NA	CH2M
	02/14/2008	19.4	19.7	NA	CH2M
	04/07/2008	20.2	19.6	NA	CH2M
	06/04/2008	18.2	15.6	NA	CH2M
	08/07/2008	16.4	16.6 J	NA	CH2M
	11/05/2008	13.3	15.2	NA	CH2M
	02/04/2009	18.6	18.6	NA	CH2M
	05/12/2009	16.5	19.2	NA	CH2M
	08/12/2009	17.2	17.2	NA	CH2M
	11/10/2009	16.6	15.5	NA	CH2M
	02/09/2010	15.7	15.8	NA	CH2M
	05/12/2010	16.6	15	NA	CH2M
	08/19/2010	15.1	16.2	NA	CH2M
	10/28/2010	14.7	13.7	NA	CH2M
	01/27/2011	14.5	16.5	NA	CH2M
	05/02/2011	14.8	14.4	NA	CH2M
	07/28/2011	13.6	11.8	NA	CH2M
	10/26/2011	11.3 J	14.1 J	NA	CH2M
	01/12/2012	14.6	12.1	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-01	04/09/2012	10.7	11	NA	CH2M
	07/11/2012	10.6	10.9	NA	CH2M
	10/16/2012	11	10.6	NA	CH2M
	01/18/2013	8.7	8.8	NA	CH2M
	01/18/2013*	8.3	8.8	NA	CH2M
	04/11/2013	7.4	7.0	NA	CH2M
	07/03/2013	6.3	6.4	NA	CH2M
	10/09/2013	6.6	6.9	NA	CH2M
	10/09/2013*	6.6	6.8	NA	CH2M
	01/08/2014	7.3	6.6	NA	CH2M
	04/10/2014	10	12	NA	CH2M
	07/16/2014	8.2	8.9	NA	CH2M
	10/17/2014	7.5	7.6	NA	CH2M
	01/08/2015	8.3	9.2	NA	CH2M
	01/08/2015*	8.1	9.0	NA	CH2M
	06/23/2015	11	11	NA	CH2M
	07/10/2015	11	10	NA	CH2M
	10/13/2015	15	16	NA	Arcadis
	01/14/2016	18	18	NA	Arcadis
	01/14/2016*	18	18	NA	Arcadis
	10/13/2016	22	23	NA	Arcadis
	07/11/2017	32	37	NA	Arcadis
	09/05/2017	24	26	NA	Arcadis
	10/03/2017	23	25	NA	Arcadis
	01/10/2018	20	20	NA	Arcadis
	04/03/2018	17	19	NA	Arcadis
	07/10/2018	23	24	NA	Arcadis
	10/05/2018	21	19	NA	Arcadis
	02/12/2019	21	18	NA	Arcadis
	04/04/2019	19	19	NA	Arcadis
	08/06/2019	19	18	NA	Arcadis
	10/10/2019	15	13	NA	Arcadis
	01/09/2020	15	16	NA	Arcadis
	04/16/2020	14	16	NA	Arcadis
	07/07/2020	15	14	NA	Arcadis
	10/08/2020	14	13	NA	Arcadis
	01/12/2021	14	13	NA	Arcadis
	04/07/2021	14	14	NA	Arcadis
No. of Samples:		91			
EX-02	04/09/2004	1.4	0.75 J	NA	CH2M
	04/29/2004	2.4	0.92	NA	CH2M
	09/29/2004	5.5	5.41	NA	CH2M
	10/11/2004	5.9	4.8	NA	CH2M
	10/28/2004	2.84	1.61	NA	CH2M
	11/09/2004	23.6	9.56	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-02	11/22/2004	5.21	3.65	NA	CH2M
	12/09/2004	3.08	2.21	NA	CH2M
	12/20/2004	5.51	5.08	NA	CH2M
	01/13/2005	7.43	6.22	NA	CH2M
	02/02/2005	13.1	12.3	NA	CH2M
	02/15/2005	15.4	12.9	NA	CH2M
	03/09/2005	17.6	13	NA	CH2M
	04/11/2005	14.7	13.8	NA	CH2M
	05/04/2005	14.1	14.4	NA	CH2M
	06/07/2005	16.9	14.7	NA	CH2M
	07/14/2005	15 J	13.1	NA	CH2M
	08/15/2005	15	13	NA	CH2M
	09/27/2005	11.3	13.4	NA	CH2M
	10/10/2005	11.3	13.7	NA	CH2M
	11/07/2005	12.4	11.5	NA	CH2M
	12/08/2005	13.2	14.1	NA	CH2M
	01/25/2006	12	14	NA	CH2M
	02/16/2006	15	15.1	NA	CH2M
	04/18/2006	18	14.6	NA	CH2M
	10/19/2006	14.1	16.1	NA	CH2M
	12/06/2006	12.6	15	NA	CH2M
	02/13/2007	15	16.5	NA	CH2M
	04/10/2007	18.6	14.9	NA	CH2M
	08/13/2007	12.7	12.4	NA	CH2M
	12/05/2007	8.77	9.03	NA	CH2M
	02/14/2008	10.5	9.51	NA	CH2M
	04/07/2008	10	9.62	NA	CH2M
	06/04/2008	11.8	11.1	NA	CH2M
	08/07/2008	11.4	11.3	NA	CH2M
	11/05/2008	10.3	11.8	NA	CH2M
	02/04/2009	9.93	11.1	NA	CH2M
	02/04/2009*	9.23	11.2	NA	CH2M
	05/12/2009	9.48	10.4	NA	CH2M
	08/12/2009	11.7	11.4	NA	CH2M
	11/10/2009	12.4	11.6	NA	CH2M
	02/09/2010	10	10.2	NA	CH2M
	05/12/2010	10.7	9.8	NA	CH2M
	08/19/2010	11.2	11.6	NA	CH2M
	10/28/2010	10.3	10	NA	CH2M
	01/27/2011	10.3	10.1	NA	CH2M
	05/02/2011	10.7	10.1	NA	CH2M
	07/28/2011	12.4	12	NA	CH2M
	07/28/2011*	12.9	11.8	NA	CH2M
	10/26/2011	12.5	14.2	NA	CH2M
	01/12/2012	13.2	12.5	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-02	04/09/2012	11.3	10.6	NA	CH2M
	07/11/2012	12.2	12.6	NA	CH2M
	10/16/2012	13	12.7	NA	CH2M
	01/18/2013	14.6	14.2	NA	CH2M
	04/11/2013	16.3	14.4	NA	CH2M
	07/03/2013	10.1	10	NA	CH2M
	10/09/2013	19.5	21.3	NA	CH2M
	01/08/2014	17.3	16.4	NA	CH2M
	07/16/2014	18	20	NA	CH2M
	10/17/2014	23	23	NA	CH2M
	01/08/2015	17	20	NA	CH2M
	04/10/2015	18	17	NA	CH2M
	07/10/2015	14	15	NA	CH2M
	10/13/2015	13	15	NA	Arcadis
	01/14/2016	16	16	NA	Arcadis
	04/05/2016	13	14	NA	Arcadis
	07/12/2016	11	12	NA	Arcadis
	10/13/2016	11	12	NA	Arcadis
	01/11/2017	11	12	NA	Arcadis
	04/11/2017	10	11	NA	Arcadis
	07/11/2017	9.7	11	NA	Arcadis
	10/03/2017	9.3	11	NA	Arcadis
	01/10/2018	9.5	9.4	NA	Arcadis
	04/05/2018	7.7	8.8	NA	Arcadis
	07/10/2018	7.8	8.1	NA	Arcadis
	10/05/2018	7.0	6.7	NA	Arcadis
	01/10/2019	7.1	6.4	NA	Arcadis
	04/02/2019	7.1	6.9	NA	Arcadis
	07/09/2019	5.8	6.5	NA	Arcadis
	10/10/2019	5.5	5.1	NA	Arcadis
	01/09/2020	5.4	5.8	NA	Arcadis
	04/07/2020	5.3	5.1	NA	Arcadis
	07/07/2020	5.7	4.7	NA	Arcadis
	10/08/2020	4.9	4.2	NA	Arcadis
	01/12/2021	4.6	4.6	NA	Arcadis
	04/07/2021	5.0	4.8	NA	Arcadis
No. of Samples:		87			
EX-03	01/26/2006	7.42 J	1.36 J	NA	CH2M
	02/21/2006	1.28	ND (0.2)	NA	CH2M
	06/21/2007	30.9	34	NA	CH2M
	08/13/2007	32.8	31.9	NA	CH2M
	12/05/2007	32	30.9	NA	CH2M
	12/05/2007*	31.9	31	NA	CH2M
	02/14/2008	27.2	27.7	NA	CH2M
	04/07/2008	20.4	17.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-03	06/04/2008	29	28.9	NA	CH2M
	08/07/2008	28.1	27.8	NA	CH2M
	11/05/2008	25.3	28.1	NA	CH2M
	02/04/2009	22.6	26.5	NA	CH2M
	05/12/2009	25.6	26.1	NA	CH2M
	11/10/2009	27.9	27.2	NA	CH2M
	02/09/2010	22.8	23.1	NA	CH2M
	05/12/2010	25.3	23.3	NA	CH2M
	08/19/2010	25.9	26.9	NA	CH2M
	10/28/2010	24.2	22.3	NA	CH2M
	01/27/2011	22.3	25.4	NA	CH2M
	05/02/2011	25.6	24.7	NA	CH2M
	07/28/2011	29.7	28.2	NA	CH2M
	10/26/2011	25.7	14	NA	CH2M
	01/12/2012	22.6	20.2	NA	CH2M
	04/10/2012	22.7	21	NA	CH2M
	07/11/2012	17.3	17.8	NA	CH2M
	10/16/2012	15	14.3	NA	CH2M
	01/18/2013	2.3	1.6	NA	CH2M
	04/11/2013	ND (1.0)	0.22	NA	CH2M
	07/03/2013	7.1	7.1	NA	CH2M
	07/03/2013*	7.0	7.1	NA	CH2M
	10/09/2013	6.2	6.6	NA	CH2M
	03/06/2014	3.9	4.4	NA	CH2M
	04/10/2014	5.3	5.6	NA	CH2M
	07/16/2014	4.2	4.9	NA	CH2M
	07/16/2014*	4.4	4.8	NA	CH2M
	10/17/2014	4.7	4.9	NA	CH2M
	01/08/2015	7.2	8.4	NA	CH2M
	04/10/2015	3.0	3.0	NA	CH2M
	07/10/2015	4.7	5.1	NA	CH2M
	11/03/2015	3.2	3.2	NA	Arcadis
	01/14/2016	3.2	3.2	NA	Arcadis
	04/14/2016	3.0	3.1	NA	Arcadis
	07/21/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/13/2016	ND (1.0)	0.35	NA	Arcadis
	04/20/2017	2.8	2.9	NA	Arcadis
	10/03/2017	4.6	5.7	NA	Arcadis
	04/05/2018	3.9	4.1	NA	Arcadis
	10/16/2018	4.9	2.6	NA	Arcadis
	11/28/2018	4.9	3.1	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019	3.2	1.7	NA	Arcadis
	12/05/2019	ND (1.0)	0.45	NA	Arcadis
	04/24/2020	1.5	0.34	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-03	06/05/2020	1.9	0.67	NA	Arcadis
	10/16/2020	2.2	0.96	NA	Arcadis
	12/03/2020	1.4	0.9	NA	Arcadis
	04/07/2021	3.1	1.1	NA	Arcadis
	06/03/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 58					
EX-04	01/26/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2006	4.59	ND (0.2)	NA	CH2M
	06/21/2007	23	24.5	NA	CH2M
	08/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2007	19.5	22.8	NA	CH2M
	02/14/2008	24.6	23.2	NA	CH2M
	02/14/2008*	24.7	23.5	NA	CH2M
	04/07/2008	25.5	23.5	NA	CH2M
	06/04/2008	27.5	24.6	NA	CH2M
	08/07/2008	20.4	21.4	NA	CH2M
	11/05/2008	18.3	20.7	NA	CH2M
	02/04/2009	5.11	2.61	NA	CH2M
	05/12/2009	22.3	22.6	NA	CH2M
	08/12/2009	16.4	16.8	NA	CH2M
	11/10/2009	19.5	18.8	NA	CH2M
	02/09/2010	21.5	21	NA	CH2M
	02/09/2010*	21.5	21.8	NA	CH2M
	05/12/2010	22.5	23.2	NA	CH2M
	08/19/2010	19.8	18.7	NA	CH2M
	10/28/2010	17.1	16.1	NA	CH2M
	01/27/2011	20.5	21.7	NA	CH2M
	05/02/2011	16.4	10.4	NA	CH2M
	06/01/2011	13.8	11.4	NA	CH2M
	07/28/2011	11.7	7.1	NA	CH2M
	11/02/2011	5.6	4.2	NA	CH2M
	01/12/2012	1.3	ND (1.0)	NA	CH2M
	04/30/2012	5.4	4.8	NA	CH2M
	07/11/2012	4.9	3.7	NA	CH2M
	10/16/2012	5.1	3.9	NA	CH2M
	05/06/2013	ND (1.0)	ND (0.2)	NA	CH2M
	07/03/2013	2.7	2.3	NA	CH2M
	10/09/2013	3.5	2.1	NA	CH2M
	01/08/2014	3.4	1.6	NA	CH2M
	01/08/2014*	3.4	1.5	NA	CH2M
	04/10/2014	1.8	1.8	NA	CH2M
	07/16/2014	1.9	2.1	NA	CH2M
	10/17/2014	2.9	3.2	NA	CH2M
	01/08/2015	3.8	4.6	NA	CH2M
	04/10/2015	2.8	2.9	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-04	04/10/2015*	2.9	2.8	NA	CH2M
	07/10/2015	2.4	2.6	NA	CH2M
	10/13/2015	3.6	4.0	NA	Arcadis
	01/14/2016	4.8	4.5	NA	Arcadis
	04/14/2016	4.7	4.3	NA	Arcadis
	07/12/2016	3.6	4.0	NA	Arcadis
	10/13/2016	4.0	3.8	NA	Arcadis
	01/11/2017	4.4	4.2	NA	Arcadis
	04/11/2017	3.6	3.7	NA	Arcadis
	07/11/2017	3.3	3.5	NA	Arcadis
	10/03/2017	3.1	3.6	NA	Arcadis
	04/05/2018	2.6	2.5	NA	Arcadis
	07/17/2018	ND (1.0)	0.51	NA	Arcadis
	10/16/2018	2.4	2.0	NA	Arcadis
	02/12/2019	2.0	1.7	NA	Arcadis
	04/02/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/11/2019	1.9	1.7	NA	Arcadis
	10/17/2019	2.1	1.8	NA	Arcadis
	01/15/2020	2.2	2.0	NA	Arcadis
	04/14/2020	2.5	1.4	NA	Arcadis
	04/14/2020*	2.5	1.4	NA	Arcadis
	06/05/2020	2.1	1.3	NA	Arcadis
	07/14/2020	2.6	1.3	NA	Arcadis
	07/14/2020*	2.5	1.3	NA	Arcadis
	09/02/2020	2.6	1.3	NA	Arcadis
	10/16/2020	2.2	1.8	NA	Arcadis
	10/16/2020*	2.1	1.7	NA	Arcadis
	01/14/2021	1.7	1.5	NA	Arcadis
	01/14/2021*	1.7	1.5	NA	Arcadis
	04/07/2021	1.7	1.3	NA	Arcadis
	04/07/2021*	1.7	1.3	NA	Arcadis
No. of Samples: 70					
EX-05	01/25/2006	1.23	0.347	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	0.25	NA	CH2M
	08/07/2008	2.62	2.01	NA	CH2M
	11/04/2010	3.8	1.1	NA	CH2M
	03/31/2011	9.3	10.2	NA	CH2M
	06/16/2011	10.1	9.5	NA	CH2M
	09/15/2011	8.4	9.1	NA	CH2M
	10/26/2011	8.8	9.4	NA	CH2M
	01/30/2012	8.7	8.8	NA	CH2M
	07/27/2012	2.8	2.5	NA	CH2M
	10/11/2012	6.7	7.3	NA	CH2M
	01/31/2013	3.5	3.0	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-05	06/04/2013	2.8	2.4	NA	CH2M
	07/19/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/09/2013	3.4	3.6	NA	CH2M
	01/13/2014	1.5	1.6	NA	CH2M
	04/03/2014	1.2	0.92	NA	CH2M
	07/09/2014	3.2	3.1	NA	CH2M
	07/09/2014*	3.1	2.9	NA	CH2M
	10/14/2014	3.0	3.0	NA	CH2M
	01/08/2015	2.9	3.2	NA	CH2M
	04/10/2015	3.3	2.9	NA	CH2M
	07/10/2015	2.6	2.4	NA	CH2M
	07/10/2015*	2.7	2.4	NA	CH2M
	10/13/2015	2.5	2.6	NA	Arcadis
	01/12/2016	2.9	2.8	NA	Arcadis
	04/07/2016	2.7	2.6	NA	Arcadis
	07/12/2016	2.5	2.4	NA	Arcadis
	10/06/2016	2.5	2.4	NA	Arcadis
	10/06/2016*	2.4	2.3	NA	Arcadis
	04/18/2017	2.1	2.1	NA	Arcadis
	10/05/2017	1.4	1.4	NA	Arcadis
	04/05/2018	1.7	1.7	NA	Arcadis
	10/16/2018	1.7	1.5	NA	Arcadis
	04/02/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019	1.6	1.4	NA	Arcadis
	04/14/2020	1.2	1.2	NA	Arcadis
	10/16/2020	1.6	1.3	NA	Arcadis
	10/16/2020*	1.5	1.4	NA	Arcadis
	04/07/2021	1.1	0.99	NA	Arcadis
No. of Samples:		41			
EX-06	01/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:		2			
EX-07	09/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/12/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008*	ND (1.0)	ND (0.2)	NA	CH2M
	08/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:		6			
EX-08	09/06/2006	1.05	1.4	NA	CH2M
	12/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2007	ND (1.0)	0.915	NA	CH2M
	06/19/2007	1.27	1.24	NA	CH2M
	08/17/2007	2.57	1.84	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-08	10/15/2007	2.25	1.99	NA	CH2M
	12/05/2007	1.2	ND (0.2)	NA	CH2M
	02/12/2008	1.48	1.97	NA	CH2M
	04/10/2008	ND (1.0)	0.451 J	NA	CH2M
	04/10/2008*	ND (1.0)	1.44 J	NA	CH2M
	06/10/2008	1.18	0.96	NA	CH2M
	08/11/2008	7.13	5.93	NA	CH2M
	11/06/2008	4.56	5.38	NA	CH2M
	11/06/2008*	4.48	5.3	NA	CH2M
	02/05/2009	ND (5.91)	2.07	NA	CH2M
	08/05/2009	4.6	5.3	NA	CH2M
	02/15/2010	3.78	3.5	NA	CH2M
No. of Samples:		17			
EX-09	09/05/2006	ND (1.0)	0.546	NA	CH2M
	09/05/2006*	ND (1.0)	0.593	NA	CH2M
	12/14/2006	ND (1.0)	0.262	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2007	ND (1.0)	0.288	NA	CH2M
	06/18/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/17/2007	ND (1.0)	0.301	NA	CH2M
	02/13/2008	4.1	2.78	NA	CH2M
	04/10/2008	ND (1.0)	0.51	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2008	ND (1.0 J)	0.22	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2009	ND (1.0)	0.67	NA	CH2M
	08/05/2009	1.11	0.92	NA	CH2M
	11/16/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/05/2010	1.1	0.78	NA	CH2M
	10/28/2010	1.2	0.52	NA	CH2M
	01/27/2011	ND (1.0)	0.28	NA	CH2M
	05/02/2011	1.3	0.83	NA	CH2M
	07/14/2011	2.4	2.7	NA	CH2M
	08/02/2011	2.3	2.3	NA	CH2M
	08/17/2011	2.0	2.4	NA	CH2M
	09/12/2011	2.2	2.6	NA	CH2M
	10/26/2011	2.2	2.6	NA	CH2M
	11/22/2011	2.4	2.3	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/09/2012	ND (1.0)	0.72	NA	CH2M
	07/11/2012	1.7	1.6	NA	CH2M
	10/16/2012	1.6	1.5	NA	CH2M
	10/16/2012*	1.5	1.5	NA	CH2M
	05/06/2013	ND (1.0)	ND (0.2)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-09	07/03/2013	1.1	1.1	NA	CH2M
	10/09/2013	1.2	1.1	NA	CH2M
	01/08/2014	1.2	1.0	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/25/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2015	ND (1.0)	1.1	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2015	ND (1.0)	1.0	NA	CH2M
No. of Samples: 42					
EX-10	09/06/2006	ND (1.0)	0.249	NA	CH2M
	12/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/17/2007	ND (1.0)	0.219	NA	CH2M
	02/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2008	ND (1.0 J)	0.3	NA	CH2M
	08/11/2008*	ND (1.0)	0.3	NA	CH2M
	03/24/2010	ND (1.0)	0.33	NA	CH2M
	05/13/2010	ND (1.0)	0.74	NA	CH2M
	08/04/2010	1.7	1.4	NA	CH2M
	10/28/2010	1.1	0.82	NA	CH2M
	01/27/2011	ND (1.0)	0.53	NA	CH2M
	05/02/2011	ND (1.0)	0.55	NA	CH2M
	07/28/2011	2.7	1.8	NA	CH2M
	10/26/2011	1.8	1.8	NA	CH2M
	01/30/2012	3.5	1.2	NA	CH2M
	04/19/2012	1.7	1.3	NA	CH2M
	07/26/2012	1.4	1.2	NA	CH2M
	10/05/2012	1.2	1.1	NA	CH2M
	01/31/2013	1.0	0.73	NA	CH2M
	04/16/2013	1.2	0.94	NA	CH2M
	07/10/2013	ND (1.0)	0.85	NA	CH2M
	10/09/2013	ND (1.0)	0.76	NA	CH2M
	10/09/2013*	1.1	0.73	NA	CH2M
	01/15/2014	1.6	1.0	NA	CH2M
	04/03/2014	1.3	1.1	NA	CH2M
	07/09/2014	1.4	0.87	NA	CH2M
	10/14/2014	1.1	0.95	NA	CH2M
	01/16/2015	1.0	0.95	NA	CH2M
	01/16/2015*	1.0	0.98	NA	CH2M
	07/22/2015	ND (1.0)	0.97	NA	CH2M
	10/15/2015	1.0	0.84	NA	Arcadis
No. of Samples: 32					

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-13	08/16/2006	ND (1.0)	0.363	NA	CH2M
	12/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/13/2006*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:		3			
EX-14	09/06/2006	ND (1.0)	ND (1.0)	NA	CH2M
	10/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:		3			
EX-15	08/17/2006	26.7	32.5	NA	CH2M
	12/13/2006	34.1	NA	40.5	CH2M
	06/17/2008	28.3	25.4	NA	CH2M
	06/30/2008	47	47.9	NA	CH2M
	08/07/2008	39.4	40.6	NA	CH2M
	08/07/2008*	39.7	40.3	NA	CH2M
	11/05/2008	38.9	38.6	NA	CH2M
	02/04/2009	21.4	25.1	NA	CH2M
	05/12/2009	39.9	42.4	NA	CH2M
	08/12/2009	42.3	42.6	NA	CH2M
	11/10/2009	47.2	46.4	NA	CH2M
	02/09/2010	38.5	40.8	NA	CH2M
	05/12/2010	44	44.8	NA	CH2M
	08/19/2010	46.1	48.5	NA	CH2M
	10/28/2010	42.6	46.6	NA	CH2M
	01/27/2011	22.5	21.4	NA	CH2M
	05/02/2011	44.6	42.7	NA	CH2M
	07/28/2011	38.7	40.6	NA	CH2M
	10/26/2011	41.1	43.5	NA	CH2M
	01/30/2012	36.6	37.2	NA	CH2M
	04/19/2012	40	36.7	NA	CH2M
	07/10/2012	34.7	36	NA	CH2M
	10/11/2012	30.4	32.6 J	NA	CH2M
	01/31/2013	29.9	30.1	NA	CH2M
	04/16/2013	26.8	26.6	NA	CH2M
	07/19/2013	23	24	NA	CH2M
	10/04/2013	19	20	NA	CH2M
	01/08/2014	16	18	NA	CH2M
	04/09/2014	14	16	NA	CH2M
	07/22/2014	11	11	NA	CH2M
	10/17/2014	8.0	9.2	NA	CH2M
	01/08/2015	8.6	9.9	NA	CH2M
	04/10/2015	8.6	8.3	NA	CH2M
	07/10/2015	6.3	6.3	NA	CH2M
	10/13/2015	5.2	5.3	NA	Arcadis
	01/12/2016	4.8	5.0	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-15	04/07/2016	4.5	4.1	NA	Arcadis
	07/12/2016	3.3	3.2	NA	Arcadis
	10/06/2016	3.3	3.0	NA	Arcadis
	01/12/2017	2.9	3.0	NA	Arcadis
	04/18/2017	2.9	2.9	NA	Arcadis
	07/18/2017	2.7	3.0	NA	Arcadis
	10/05/2017	2.8	2.9	NA	Arcadis
	04/05/2018	2.5	2.7	NA	Arcadis
	10/05/2018	2.0	1.8	NA	Arcadis
	04/11/2019	1.3	1.5	NA	Arcadis
	10/17/2019	1.2	1.1	NA	Arcadis
	04/16/2020	ND (1.0)	0.94	NA	Arcadis
	10/16/2020	1.1	1.0	NA	Arcadis
	05/06/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 50					
EX-16	08/17/2006	48.3	49.6	NA	CH2M
	10/16/2006	36.2	NA	36.9	CH2M
	12/14/2006	56.5	NA	57	CH2M
	06/03/2008	51.9	49.3	NA	CH2M
	06/03/2008*	48	47.8	NA	CH2M
	06/17/2008	55.8	54.9	NA	CH2M
	06/30/2008	51.4	55.3	NA	CH2M
	08/07/2008	49.2	49.9	NA	CH2M
	11/05/2008	42.6	46.6	NA	CH2M
	02/04/2009	2.75	2.98	NA	CH2M
	05/12/2009	44.5	46.4	NA	CH2M
	05/12/2009*	41.4	46.2	NA	CH2M
	08/12/2009	44.3	43.2	NA	CH2M
	11/10/2009	28.6	29.2	NA	CH2M
	02/09/2010	38.4	40.3	NA	CH2M
	05/12/2010	43.6	44.6	NA	CH2M
	08/19/2010	41	45.2	NA	CH2M
	10/28/2010	38.2	41.3	NA	CH2M
	01/27/2011	38.5	37.5	NA	CH2M
	05/02/2011	43	40	NA	CH2M
	07/28/2011	34.8	35.5	NA	CH2M
	10/26/2011	31.7	35.4	NA	CH2M
	10/26/2011*	33.9	30.4	NA	CH2M
	01/30/2012	36.2	35.5	NA	CH2M
	04/19/2012	37.3 J	33.2	NA	CH2M
	07/10/2012	20.3	21.4	NA	CH2M
	07/10/2012*	21.9	21.4	NA	CH2M
	10/19/2012	14	13.9	NA	CH2M
	01/31/2013	14.2	14.2	NA	CH2M
	01/31/2013*	14.8	14.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-16	04/16/2013	10.1	10.2	NA	CH2M
	07/19/2013	9.3	9.3	NA	CH2M
	10/04/2013	7.3	8.2	NA	CH2M
	01/08/2014	6.2	6.9	NA	CH2M
	04/09/2014	8.7	9.0	NA	CH2M
	07/22/2014	6.5	6.6	NA	CH2M
	10/17/2014	5.7	5.7	NA	CH2M
	10/17/2014*	5.4	5.8	NA	CH2M
	01/08/2015	5.3	6.3	NA	CH2M
	04/10/2015	6.7	6.6	NA	CH2M
	07/10/2015	5.4	5.6	NA	CH2M
	10/13/2015	4.7	4.9	NA	Arcadis
	10/13/2015*	4.6	5.0	NA	Arcadis
	01/12/2016	4.2	4.4	NA	Arcadis
	01/12/2016*	4.3	4.4	NA	Arcadis
	04/07/2016	4.3	3.8	NA	Arcadis
	07/12/2016	4.0	4.1	NA	Arcadis
	10/06/2016	4.1	3.8	NA	Arcadis
	04/18/2017	3.4	3.5	NA	Arcadis
	10/05/2017	3.4	3.2	NA	Arcadis
	04/05/2018	3.0	3.0	NA	Arcadis
	10/16/2018	2.1	1.8	NA	Arcadis
	04/11/2019	7.6	7.7	NA	Arcadis
	06/07/2019	6.2	4.1	NA	Arcadis
	10/18/2019	2.0	1.2	NA	Arcadis
	04/23/2020	ND (1.0)	0.6	NA	Arcadis
	10/16/2020	1.9	1.7	NA	Arcadis
	04/07/2021	1.2	1.1	NA	Arcadis
No. of Samples:		58			
EX-17	09/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	12/12/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	ND (0.06 J)	NA	CH2M
	01/30/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/19/2012	ND (1.0)	ND (0.2)	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.2)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-17	10/11/2012	ND (1.0)	ND (0.2)	NA	CH2M
	02/01/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/16/2013	ND (1.0)	ND (0.2)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/14/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/19/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/19/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		43			
EX-20	11/30/2006	36.3	ND (1.0)	NA	Arcadis
	06/02/2008	63.2	61.2	NA	CH2M
	06/17/2008	56.4	51.3	NA	CH2M
	06/30/2008	59.2	58.9	NA	CH2M
	08/07/2008	54.3	51.1	NA	CH2M
	11/05/2008	50	51.1	NA	CH2M
	11/05/2008*	49.6	52.4	NA	CH2M
	02/04/2009	ND (1.0)	0.23	NA	CH2M
	03/30/2009	59	53	NA	CH2M
	05/12/2009	49.1	52.5	NA	CH2M
	08/12/2009	50.8	50.9	NA	CH2M
	08/12/2009*	45.7	49.7	NA	CH2M
	11/10/2009	41.3	36.7	NA	CH2M
	02/09/2010	44.6	45.9	NA	CH2M
	05/12/2010	47.1	49.2	NA	CH2M
	08/19/2010	43.7	47.3	NA	CH2M
	10/28/2010	41	43.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-20	01/27/2011	38.4	36.9	NA	CH2M
	05/02/2011	20.7	20.4	NA	CH2M
	07/28/2011	36.9	37.2	NA	CH2M
	10/26/2011	35.7	38.7	NA	CH2M
	01/30/2012	37.2	35.7	NA	CH2M
	04/19/2012	35.3	34.1	NA	CH2M
	04/19/2012*	37.3	34.1	NA	CH2M
	07/10/2012	27.3	28.3	NA	CH2M
	10/11/2012	22.8	24.2	NA	CH2M
	10/11/2012*	21.6	24.3	NA	CH2M
	01/31/2013	8.5	3.1	NA	CH2M
	03/11/2013	21.1	20.7	NA	CH2M
	03/11/2013*	22.1	20.7	NA	CH2M
	04/16/2013	18.9	17.8	NA	CH2M
	07/19/2013	17	17	NA	CH2M
	07/19/2013*	16	17	NA	CH2M
	10/04/2013	18	16	NA	CH2M
	01/08/2014	12	14	NA	CH2M
	04/09/2014	14	14	NA	CH2M
	07/22/2014	13	13	NA	CH2M
	07/22/2014*	13	13	NA	CH2M
	10/17/2014	11	12	NA	CH2M
	01/08/2015	8.9 J	11 J	NA	CH2M
	04/10/2015	11	11	NA	CH2M
	07/10/2015	9.6	10	NA	CH2M
	07/10/2015*	9.8	10	NA	CH2M
	10/13/2015	8.7	9.1	NA	Arcadis
	01/12/2016	8.6	9.1	NA	Arcadis
	04/07/2016	8.2	7.7	NA	Arcadis
	04/07/2016*	8.5	7.8	NA	Arcadis
	07/12/2016	6.7	7.7	NA	Arcadis
	10/06/2016	8.8	7.6	NA	Arcadis
	01/12/2017	7.0	6.8	NA	Arcadis
	04/18/2017	6.9	7.2	NA	Arcadis
	04/18/2017*	6.9	7.2	NA	Arcadis
	07/18/2017	5.9	6.4	NA	Arcadis
	10/05/2017	3.9	3.9	NA	Arcadis
	02/07/2018	3.8	2.6	NA	Arcadis
	03/07/2018	2.6	1.7	NA	Arcadis
	05/01/2018	2.8	0.21	NA	Arcadis
	06/07/2018	3.2	2.9	NA	Arcadis
	07/17/2018	3.4	3.0	NA	Arcadis
	10/16/2018	1.8	1.6	NA	Arcadis
	04/11/2019	2.8	2.1	NA	Arcadis
	10/17/2019	2.2	1.8	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-20	10/17/2019*	2.2	1.8	NA	Arcadis
	04/16/2020	1.7	1.3	NA	Arcadis
	10/16/2020	2.5	1.7	NA	Arcadis
	04/07/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 66					
EX-21	04/10/2009	24	17.1	NA	CH2M
	11/10/2009	26.2	25.7	NA	CH2M
	02/09/2010	32.3	34.5	NA	CH2M
	05/12/2010	39.2	39.8	NA	CH2M
	08/19/2010	40	45.3	NA	CH2M
	10/28/2010	38.1	42.9	NA	CH2M
	01/27/2011	38.5	42.3	NA	CH2M
	05/02/2011	24.1	16.5	NA	CH2M
	08/18/2011	31	28.9	NA	CH2M
	06/28/2012	19	18.8	NA	CH2M
	08/06/2012	5.2	3.4	NA	CH2M
	11/07/2012	9.8	10	NA	CH2M
	02/07/2013	7.9	8.8	NA	CH2M
	05/15/2013	6.2	6.9	NA	CH2M
	08/08/2013	5.7	5.7	NA	CH2M
	08/08/2013*	6.1	5.6	NA	CH2M
	11/06/2013	5.4	6.0	NA	CH2M
	02/04/2014	4.8	4.7	NA	CH2M
	05/07/2014	4.0	4.0	NA	CH2M
	08/06/2014	ND (1.0)	ND (0.2)	NA	CH2M
	11/05/2014	3.3	3.2	NA	CH2M
	02/04/2015	ND (1.0)	ND (0.2)	NA	CH2M
	04/14/2015	2.3	2.3	NA	CH2M
	07/13/2015	2.4	2.7	NA	CH2M
	11/03/2015	2.6	2.7	NA	Arcadis
	02/02/2016	2.7	2.8	NA	Arcadis
	05/03/2016	2.7	2.7	NA	Arcadis
	08/03/2016	2.5	2.1	NA	Arcadis
	12/08/2016	1.9	1.7	NA	Arcadis
	01/12/2017	2.8	2.7	NA	Arcadis
	04/18/2017	1.8	1.9	NA	Arcadis
	10/05/2017	2.6	2.8	NA	Arcadis
	04/05/2018	2.6	2.6	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	06/07/2019	1.2	ND (0.2)	NA	Arcadis
	10/18/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/19/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2021	ND (1.0)	ND (0.2)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 39					
EX-22	04/03/2009	24.2	14.9	NA	CH2M
	11/10/2009	38.3	37.5	NA	CH2M
	11/10/2009*	38.4	37.2	NA	CH2M
	05/12/2010	39.2	42	NA	CH2M
	08/19/2010	39.7	43.3	NA	CH2M
	10/28/2010	39.5	45.4	NA	CH2M
	01/27/2011	36.8	39.1	NA	CH2M
	05/02/2011	13.1	11	NA	CH2M
	08/18/2011	42.2	40.8	NA	CH2M
	04/19/2012	46.6	43.3	NA	CH2M
	08/06/2012	4.4	0.78	NA	CH2M
	11/07/2012	31	32	NA	CH2M
	02/07/2013	31	34	NA	CH2M
	05/15/2013	28	31	NA	CH2M
	08/08/2013	25	26	NA	CH2M
	11/12/2013	22	25	NA	CH2M
	02/04/2014	27	28	NA	CH2M
	02/04/2014*	27	28	NA	CH2M
	05/07/2014	25	25	NA	CH2M
	08/06/2014	7.4	1.4	NA	CH2M
	11/05/2014	15	15	NA	CH2M
	02/04/2015	2.9	2.8	NA	CH2M
	04/14/2015	20	21	NA	CH2M
	04/14/2015*	21	20	NA	CH2M
	07/13/2015	23	25	NA	CH2M
	11/03/2015	16	17	NA	Arcadis
	02/02/2016	22	23	NA	Arcadis
	07/19/2016	24	22	NA	Arcadis
	07/19/2016*	25	22	NA	Arcadis
	10/12/2016	29	27	NA	Arcadis
	01/11/2017	31	30	NA	Arcadis
	04/20/2017	7.8	4.4	NA	Arcadis
	07/13/2017	38	41	NA	Arcadis
	10/05/2017	37	38	NA	Arcadis
	01/11/2018	41	39	NA	Arcadis
	04/05/2018	48	48	NA	Arcadis
	07/10/2018	40	42	NA	Arcadis
	10/05/2018	34	33	NA	Arcadis
	01/10/2019	46	40	NA	Arcadis
	04/09/2019	52	53	NA	Arcadis
	06/05/2019	42	43	NA	Arcadis
	07/09/2019	39	42	NA	Arcadis
	10/10/2019	34	31	NA	Arcadis
	01/09/2020	31	31	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-22	04/16/2020	34	36	NA	Arcadis
	07/07/2020	32	29	NA	Arcadis
	01/12/2021	26	25	NA	Arcadis
	04/08/2021	27	25	NA	Arcadis
No. of Samples: 48					
EX-23	09/15/2010	5.2	6.0	NA	CH2M
	10/28/2010	5.3	5.7	NA	CH2M
	01/27/2011	5.8	5.8	NA	CH2M
	05/02/2011	5.5	4.8	NA	CH2M
	07/28/2011	4.8	4.5	NA	CH2M
	08/18/2011	4.9	4.6	NA	CH2M
	10/26/2011	4.1	4.5	NA	CH2M
	01/12/2012	2.0	2.0	NA	CH2M
	06/28/2012	4.7	4.6	NA	CH2M
	07/11/2012	4.0	4.2	NA	CH2M
	10/16/2012	3.7	3.8	NA	CH2M
	05/06/2013	1.6	0.94	NA	CH2M
	07/03/2013	2.2	2.4	NA	CH2M
	10/09/2013	2.8	2.7	NA	CH2M
	01/08/2014	2.2	2.0	NA	CH2M
	07/16/2014	NA	2.7	NA	CH2M
	10/17/2014	NA	3.4	NA	CH2M
	01/08/2015	NA	2.9	NA	CH2M
	04/14/2015	1.3	1.3	NA	CH2M
	09/01/2015	1.6	1.7	NA	CH2M
	10/13/2015	1.8	1.9	NA	Arcadis
	01/14/2016	2.2	2.1	NA	Arcadis
	04/07/2016	2.3	2.2	NA	Arcadis
	07/12/2016	2.4	2.8	NA	Arcadis
	10/13/2016	2.1	2.1	NA	Arcadis
	01/11/2017	1.8	1.8	NA	Arcadis
	04/13/2017	2.4	2.3	NA	Arcadis
	07/13/2017	1.9	2.2	NA	Arcadis
	10/05/2017	2.0	2.1	NA	Arcadis
	10/05/2017*	1.9	2.1	NA	Arcadis
	04/05/2018	2.1	2.2	NA	Arcadis
	10/17/2018	3.0	2.0	NA	Arcadis
	10/17/2018*	2.9	2.0	NA	Arcadis
	04/09/2019	2.0	2.1	NA	Arcadis
	04/09/2019*	2.0	2.0	NA	Arcadis
	10/15/2019	3.2	1.7	NA	Arcadis
	10/15/2019*	2.9	1.7	NA	Arcadis
	12/05/2019	5.3	5.9	NA	Arcadis
	04/24/2020	2.8	2.2	NA	Arcadis
	04/24/2020*	2.9	2.2	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-23	10/19/2020	2.3	2.0	NA	Arcadis
	10/19/2020*	2.2	2.0	NA	Arcadis
	04/12/2021	2.2	2.1	NA	Arcadis
No. of Samples: 43					
EX-24	09/15/2010	1.2	1.6	NA	CH2M
	10/28/2010	2.1	2.5	NA	CH2M
	01/27/2011	2.7	2.9	NA	CH2M
	05/02/2011	3.7	2.3	NA	CH2M
	06/01/2011	3.6	2.9	NA	CH2M
	07/28/2011	2.6	1.9	NA	CH2M
	08/18/2011	2.9	2.6	NA	CH2M
	10/26/2011	3.2	3.2	NA	CH2M
	01/12/2012	ND (1.0)	ND (1.0)	NA	CH2M
	05/11/2012	1.5	1.1	NA	CH2M
	07/11/2012	1.1	ND (1.0)	NA	CH2M
	10/16/2012	1.2	1.4	NA	CH2M
	01/18/2013	1.4	1.2 J	NA	CH2M
	05/06/2013	1.3	1.0	NA	CH2M
	05/06/2013*	1.3	1.1	NA	CH2M
	07/03/2013	1.7	1.6	NA	CH2M
	10/09/2013	1.9	1.9	NA	CH2M
	01/08/2014	1.7	1.5	NA	CH2M
	07/16/2014	NA	1.0	NA	CH2M
	10/17/2014	NA	1.3	NA	CH2M
	01/08/2015	NA	1.8 J	NA	CH2M
	01/08/2015*	NA	5.9 J	NA	CH2M
	04/14/2015	1.3	1.6	NA	CH2M
	07/13/2015	1.2	1.6	NA	CH2M
	10/13/2015	1.3	1.4	NA	Arcadis
	10/13/2015*	1.3	1.4	NA	Arcadis
	01/14/2016	1.6	1.5	NA	Arcadis
	01/14/2016*	1.4	1.6	NA	Arcadis
	10/15/2019	2.5	2.1	NA	Arcadis
	04/07/2020	2.0	2.1	NA	Arcadis
	10/20/2020	12	1.9	NA	Arcadis
	12/04/2020	12	1.5	NA	Arcadis
	04/08/2021	33	1.7	NA	Arcadis
No. of Samples: 33					
EX-25	03/31/2011	6.9	5.3	NA	CH2M
	04/07/2011	5.9	5.2	NA	CH2M
	05/11/2011	1.7	1.6	NA	CH2M
	06/06/2011	5.5	5.8	NA	CH2M
	07/07/2011	7.2	7.4	NA	CH2M
	08/02/2011	8.7	8.5	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-25	08/17/2011	7.9	8.9	NA	CH2M
	09/12/2011	9.9	9.5	NA	CH2M
	10/26/2011	9.5	7.9	NA	CH2M
	01/12/2012	7.5	7.2	NA	CH2M
	04/10/2012	6.8	6.8	NA	CH2M
	07/11/2012	6.5	6.5	NA	CH2M
	10/16/2012	6.2	6.2	NA	CH2M
	01/18/2013	1.8	1.6 J	NA	CH2M
	05/06/2013	2.7	2.3	NA	CH2M
	07/03/2013	5.2	5.2	NA	CH2M
	10/09/2013	4.6	4.2	NA	CH2M
	01/08/2014	4.8	4.5	NA	CH2M
	07/16/2014	NA	4.5	NA	CH2M
	10/17/2014	NA	4.3	NA	CH2M
	01/08/2015	NA	1.8	NA	CH2M
	03/19/2015	6.7	6.8	NA	CH2M
	04/10/2015	6.4	6.3	NA	CH2M
	07/13/2015	4.6	5.3	NA	CH2M
	10/13/2015	4.3	4.8	NA	Arcadis
	01/14/2016	7.2	5.1	NA	Arcadis
	04/07/2016	4.8	4.7	NA	Arcadis
	07/12/2016	4.9	5.0	NA	Arcadis
	10/04/2016	4.9	4.9	NA	Arcadis
	01/05/2017	4.6	4.6	NA	Arcadis
	04/06/2017	3.8	3.9	NA	Arcadis
	07/11/2017	3.9	4.1	NA	Arcadis
	10/03/2017	3.2	3.9	NA	Arcadis
	04/05/2018	3.3	2.8	NA	Arcadis
	10/16/2018	3.0	2.7	NA	Arcadis
	04/09/2019	2.9	2.1	NA	Arcadis
	10/15/2019	2.9	2.9	NA	Arcadis
	04/07/2020	2.9	2.9	NA	Arcadis
	10/08/2020	3.0	2.9	NA	Arcadis
	04/08/2021	2.9	2.9	NA	Arcadis
No. of Samples:		40			
EX-26	05/09/2011	2.4	ND (0.2)	NA	CH2M
	07/13/2011	34.2	37.3	NA	CH2M
	08/02/2011	41	40	NA	CH2M
	08/17/2011	42.8	40.7	NA	CH2M
	09/12/2011	37	43.8	NA	CH2M
	10/26/2011	42.7	42.8	NA	CH2M
	11/22/2011	40.3	38.9	NA	CH2M
	01/12/2012	41.1	39.1	NA	CH2M
	04/10/2012	39.4	39.8	NA	CH2M
	07/11/2012	33.4	36.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-26	10/16/2012	34	34.8	NA	CH2M
	01/18/2013	28	29.3	NA	CH2M
	04/11/2013	29	27.3	NA	CH2M
	07/03/2013	24.9	26.8	NA	CH2M
	10/09/2013	22.7	24.8	NA	CH2M
	01/08/2014	26.5	25.6	NA	CH2M
	07/16/2014	NA	22	NA	CH2M
	10/16/2014	NA	18	NA	CH2M
	01/08/2015	NA	23	NA	CH2M
	04/14/2015	7.7	9.4	NA	CH2M
	07/13/2015	6.8	7.7	NA	CH2M
	07/13/2015*	6.9	7.5	NA	CH2M
	10/13/2015	5.7	6.7	NA	Arcadis
No. of Samples: 23					
EX-27	05/09/2011	2.7	2.3	NA	CH2M
	07/11/2011	1.8	2.2	NA	CH2M
	08/02/2011	4.9	4.7	NA	CH2M
	08/18/2011	6.4	6.0	NA	CH2M
	09/12/2011	2.5	2.5	NA	CH2M
	10/26/2011	6.2	6.4	NA	CH2M
	11/22/2011	1.5	0.74	NA	CH2M
	01/12/2012	2.0	1.6	NA	CH2M
	07/24/2012	2.1	1.7	NA	CH2M
	10/16/2012	7.5	7.7	NA	CH2M
	01/18/2013	8.1	8.2	NA	CH2M
	05/06/2013	1.7	1.6	NA	CH2M
	07/12/2013	7.9	7.4	NA	CH2M
	10/09/2013	9.1	9.7	NA	CH2M
	01/08/2014	4.5	4.3	NA	CH2M
	01/08/2014*	4.4	4.2	NA	CH2M
	07/18/2014	NA	1.3	NA	CH2M
	10/16/2014	NA	9.7	NA	CH2M
	10/16/2014*	NA	9.4	NA	CH2M
	01/08/2015	NA	9.8	NA	CH2M
	05/05/2015	8.2	9.7	NA	CH2M
	07/13/2015	7.7	8.5	NA	CH2M
	04/07/2016	7.8	7.9	NA	Arcadis
	07/21/2016	8.0	8.4	NA	Arcadis
	10/13/2016	7.7	8.1	NA	Arcadis
	01/17/2017	8.6	8.6	NA	Arcadis
	04/06/2017	6.2	6.7	NA	Arcadis
	07/20/2017	5.8	6.3	NA	Arcadis
	07/20/2017*	5.4	6.4	NA	Arcadis
	10/03/2017	5.7	6.8	NA	Arcadis
	04/05/2018	4.6	5.1	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-27	10/16/2018	3.9	3.9	NA	Arcadis
	04/09/2019	4.6	4.8	NA	Arcadis
	10/15/2019	4.1	4.0	NA	Arcadis
	04/07/2020	4.8	4.7	NA	Arcadis
	10/08/2020	4.3	3.9	NA	Arcadis
	04/08/2021	3.8	3.9	NA	Arcadis
No. of Samples: 37					
EX-28	05/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/11/2011	4.9	5.0	NA	CH2M
	08/02/2011	6.1	5.9	NA	CH2M
	08/17/2011	5.6	6.5	NA	CH2M
	09/12/2011	5.8	6.1	NA	CH2M
	09/12/2011*	5.7	6.1	NA	CH2M
	10/26/2011	5.2	5.3	NA	CH2M
	11/22/2011	5.2	5.0	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/30/2012	6.5	7.2	NA	CH2M
	07/24/2012	5.6	5.5	NA	CH2M
	10/16/2012	8.6	8.3	NA	CH2M
	01/18/2013	4.9	4.9	NA	CH2M
	05/06/2013	2.2	1.9	NA	CH2M
	07/12/2013	5.9	5.1	NA	CH2M
	10/09/2013	5.7	6.2	NA	CH2M
	01/08/2014	5.8	5.4	NA	CH2M
	07/16/2014	NA	5.7	NA	CH2M
	10/16/2014	NA	6.2	NA	CH2M
	01/08/2015	NA	7.0	NA	CH2M
	05/05/2015	4.9	5.9	NA	CH2M
	07/13/2015	4.5	5.2	NA	CH2M
	10/13/2015	5.0	5.8	NA	Arcadis
No. of Samples: 23					
EX-29	12/13/2011	18.1	7.6	NA	CH2M
	06/14/2012	39.3	39.5	NA	CH2M
	07/20/2012	36.1	36.6	NA	CH2M
	08/09/2012	41.5	36.7	NA	CH2M
	09/11/2012	40.9	39.2	NA	CH2M
	10/11/2012	32.2	35.6	NA	CH2M
	11/09/2012	38	36.6	NA	CH2M
	12/05/2012	31.4	32.4	NA	CH2M
	01/31/2013	35.3	32.8	NA	CH2M
	04/16/2013	31.4	30.8	NA	CH2M
	04/16/2013*	30.5	30.9	NA	CH2M
	07/19/2013	22	23	NA	CH2M
	10/04/2013	18	20	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-29	01/08/2014	17	19	NA	CH2M
	04/09/2014	16	16	NA	CH2M
	04/09/2014*	16	16	NA	CH2M
	07/22/2014	12	11	NA	CH2M
	10/16/2014	9.4	10	NA	CH2M
	01/08/2015	8.9	10	NA	CH2M
	04/10/2015	14	14	NA	CH2M
	04/10/2015*	14	14	NA	CH2M
	07/13/2015	9.5	9.9	NA	CH2M
	10/13/2015	13	13	NA	Arcadis
	01/12/2016	9.2	9.3	NA	Arcadis
	04/07/2016	7.8	8.3	NA	Arcadis
	07/19/2016	6.6	7.0	NA	Arcadis
	10/11/2016	6.8	6.5	NA	Arcadis
	01/11/2017	7.5	7.3	NA	Arcadis
	04/13/2017	7.5	8.0	NA	Arcadis
	07/13/2017	6.7	7.3	NA	Arcadis
	10/05/2017	6.7	7.1	NA	Arcadis
	01/11/2018	8.6	8.4	NA	Arcadis
	04/05/2018	9.2	9.6	NA	Arcadis
	07/10/2018	9.0	8.8	NA	Arcadis
	10/05/2018	7.7	7.6	NA	Arcadis
	01/10/2019	8.8	7.7	NA	Arcadis
	04/09/2019	8.6	8.4	NA	Arcadis
	07/09/2019	7.0	7.3	NA	Arcadis
	10/15/2019	6.5	5.8	NA	Arcadis
	01/09/2020	7.1	7.3	NA	Arcadis
	04/16/2020	6.7	7.1	NA	Arcadis
	07/07/2020	6.5	6.0	NA	Arcadis
	01/12/2021	7.8	7.3	NA	Arcadis
	04/07/2021	8.4	8.1	NA	Arcadis
No. of Samples: 44					
EX-30	12/13/2011	28.8	15.9	NA	CH2M
	06/14/2012	39.9	39.6	NA	CH2M
	07/20/2012	37.3	37.5	NA	CH2M
	08/09/2012	38.9	34.5	NA	CH2M
	09/11/2012	41.8	38.1	NA	CH2M
	10/11/2012	37.8	40.6	NA	CH2M
	11/09/2012	42	41.8	NA	CH2M
	12/05/2012	43.2	40.8	NA	CH2M
	01/31/2013	44	41	NA	CH2M
	04/16/2013	42.5	42.2	NA	CH2M
	07/19/2013	40	43	NA	CH2M
	10/04/2013	40	45	NA	CH2M
	01/08/2014	43	47	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-30	04/09/2014	43	46	NA	CH2M
	07/22/2014	43	41	NA	CH2M
	10/16/2014	36	39	NA	CH2M
	01/08/2015	38	39	NA	CH2M
	01/08/2015*	35	39	NA	CH2M
	04/10/2015	40	38	NA	CH2M
	07/13/2015	30	29	NA	CH2M
	10/13/2015	26	25	NA	Arcadis
	01/12/2016	32	31	NA	Arcadis
	04/07/2016	28	26	NA	Arcadis
	07/19/2016	22	21	NA	Arcadis
	10/11/2016	18	21	NA	Arcadis
	01/11/2017	17	15	NA	Arcadis
	04/13/2017	17	16	NA	Arcadis
	07/13/2017	11	11	NA	Arcadis
	10/05/2017	8.0	7.1	NA	Arcadis
	01/11/2018	7.4	7.0	NA	Arcadis
	04/06/2018	7.2	6.7	NA	Arcadis
	07/10/2018	4.6	4.6	NA	Arcadis
	10/05/2018	3.9	3.8	NA	Arcadis
	01/10/2019	4.0	3.6	NA	Arcadis
	04/09/2019	3.9	3.8	NA	Arcadis
	07/09/2019	2.9	3.2	NA	Arcadis
	10/15/2019	2.7	2.6	NA	Arcadis
	01/09/2020	2.5	2.5	NA	Arcadis
	04/16/2020	2.2	2.3	NA	Arcadis
	07/07/2020	2.2	1.9	NA	Arcadis
	10/08/2020	2.1	1.7	NA	Arcadis
	01/12/2021	2.2	2.2	NA	Arcadis
	04/07/2021	1.7	1.6	NA	Arcadis
No. of Samples:		43			
EX-31	06/14/2012	1.6	ND (0.2)	NA	CH2M
	07/09/2012	4.6	4.6	NA	CH2M
	08/09/2012	5.2	5.0	NA	CH2M
	09/04/2012	5.4	5.4	NA	CH2M
	10/11/2012	5.1	4.3	NA	CH2M
	11/09/2012	3.8	3.9	NA	CH2M
	12/05/2012	5.2	4.7	NA	CH2M
	01/31/2013	5.3	4.9	NA	CH2M
	04/16/2013	5.1	5.0	NA	CH2M
	07/08/2013	5.1	5.0	NA	CH2M
	07/08/2013*	5.2	5.0	NA	CH2M
	10/09/2013	4.8	4.7	NA	CH2M
	01/08/2014	5.2	4.7	NA	CH2M
	04/08/2014	4.7	4.8	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-31	07/18/2014	4.0	4.3	NA	CH2M
	10/16/2014	4.6	4.6	NA	CH2M
	01/08/2015	4.6	5.2	NA	CH2M
	04/10/2015	5.4	5.4	NA	CH2M
	07/13/2015	5.2	5.5	NA	CH2M
	10/06/2015	5.2	5.5	NA	Arcadis
	01/05/2016	5.3	5.2	NA	Arcadis
	04/07/2016	5.7	5.7	NA	Arcadis
	07/21/2016	5.8	5.4	NA	Arcadis
	10/06/2016	6.1	5.7	NA	Arcadis
	01/05/2017	5.7	5.5	NA	Arcadis
	04/18/2017	4.6	4.5	NA	Arcadis
	04/18/2017*	5.0	4.5	NA	Arcadis
	07/18/2017	5.3	6.2	NA	Arcadis
	10/03/2017	5.2	6.2	NA	Arcadis
	01/10/2018	6.0	5.6	NA	Arcadis
	04/05/2018	5.2	5.6	NA	Arcadis
	07/17/2018	5.4	3.5	NA	Arcadis
	09/06/2018	5.6	2.9	NA	Arcadis
	10/05/2018	5.7	4.6	NA	Arcadis
	02/12/2019	6.0	3.4	NA	Arcadis
	03/07/2019	5.8	5.2	NA	Arcadis
	04/11/2019	5.9	3.9	NA	Arcadis
	06/07/2019	5.5	3.3	NA	Arcadis
	07/11/2019	6.2	4.1	NA	Arcadis
	09/05/2019	6.1	4.6	NA	Arcadis
	10/17/2019	6.0	3.8	NA	Arcadis
	10/17/2019*	6.0	3.9	NA	Arcadis
	12/05/2019	5.3	5.4	NA	Arcadis
	01/14/2020	5.9	5.9	NA	Arcadis
	01/14/2020*	5.8	5.8	NA	Arcadis
	04/16/2020	5.6	3.7	NA	Arcadis
	06/04/2020	5.5	3.1	NA	Arcadis
	07/14/2020	6.1	3.6	NA	Arcadis
	09/02/2020	5.7	2.7	NA	Arcadis
	10/15/2020	5.7	3.2	NA	Arcadis
	12/03/2020	4.6	2.0	NA	Arcadis
	01/14/2021	4.6	4.3	NA	Arcadis
	04/07/2021	5.7	5.8	NA	Arcadis
	04/07/2021*	5.9	5.8	NA	Arcadis
No. of Samples:		54			
EX-32	06/04/2012	2.3	1.7	NA	CH2M
	06/14/2012	1.6	1.1	NA	CH2M
	07/09/2012	2.1	2.3	NA	CH2M
	08/09/2012	2.8	2.2	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-32	09/05/2012	2.2	2.4	NA	CH2M
	10/11/2012	2.9	2.4	NA	CH2M
	11/09/2012	2.4	2.4	NA	CH2M
	12/05/2012	2.5	2.4	NA	CH2M
	01/25/2013	2.6	2.5	NA	CH2M
	04/16/2013	2.2	2.1	NA	CH2M
	07/10/2013	2.4	2.3	NA	CH2M
	10/09/2013	2.7	2.3	NA	CH2M
	01/08/2014	ND (1.0)	0.74	NA	CH2M
	04/18/2014	2.2	2.1	NA	CH2M
	07/18/2014	2.1	2.1	NA	CH2M
	10/16/2014	1.9	2.1	NA	CH2M
	01/08/2015	1.3	1.4	NA	CH2M
	05/05/2015	1.2	1.3	NA	CH2M
	07/13/2015	1.9	2.3	NA	CH2M
	10/06/2015	1.7	1.7	NA	Arcadis
	01/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2016	ND (1.0)	0.97	NA	Arcadis
	07/12/2016	ND (1.0)	0.95	NA	Arcadis
	07/12/2016*	ND (1.0)	0.96	NA	Arcadis
	10/06/2016	ND (1.0)	0.56	NA	Arcadis
	01/05/2017	1.2	1.0	NA	Arcadis
	01/05/2017*	1.2	1.1	NA	Arcadis
	04/18/2017	ND (1.0)	0.66	NA	Arcadis
	07/19/2017	ND (1.0)	0.38	NA	Arcadis
	07/19/2017*	ND (1.0)	0.38	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/03/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2018	ND (1.0)	0.23	NA	Arcadis
	04/05/2018*	ND (1.0)	0.27	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2019	ND (1.0)	0.22	NA	Arcadis
	04/11/2019*	ND (1.0)	0.23	NA	Arcadis
	10/17/2019	ND (1.0)	0.5	NA	Arcadis
	03/10/2020	ND (1.0)	0.82	NA	Arcadis
	04/16/2020	2.0	2.1	NA	Arcadis
	04/16/2020*	2.1	2.1	NA	Arcadis
	07/14/2020	2.4	2.1	NA	Arcadis
	10/15/2020	1.8	1.4	NA	Arcadis
	10/15/2020*	1.7	1.3	NA	Arcadis
	01/14/2021	1.9	1.7	NA	Arcadis
	04/07/2021	2.0	1.5	NA	Arcadis
No. of Samples: 47					
EX-32D	10/13/2016	ND (1.0)	0.46	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 1					
EX-32S	10/13/2016	1.4	0.77	NA	Arcadis
No. of Samples: 1					
EX-33	06/14/2012	7.8	7.8	NA	CH2M
	07/09/2012	5.2	5.2	NA	CH2M
	08/09/2012	5.2	5.0	NA	CH2M
	08/09/2012*	5.4	5.0	NA	CH2M
	09/04/2012	5.5	5.6	NA	CH2M
	10/11/2012	6.3	6.9	NA	CH2M
	11/09/2012	6.6	6.5	NA	CH2M
	12/05/2012	6.3	6.1	NA	CH2M
	01/31/2013	1.4	0.26	NA	CH2M
	03/12/2013	6.2	5.7	NA	CH2M
	04/16/2013	5.8	5.6	NA	CH2M
	07/08/2013	5.3	5.1	NA	CH2M
	10/09/2013	5.0	4.9	NA	CH2M
	01/08/2014	4.8	4.5	NA	CH2M
	04/08/2014	4.3	4.1	NA	CH2M
	07/18/2014	4.2	4.4	NA	CH2M
	10/16/2014	4.0	4.7	NA	CH2M
	01/08/2015	3.9	4.7	NA	CH2M
	04/10/2015	3.9	4.1	NA	CH2M
	07/13/2015	3.8	4.3	NA	CH2M
	10/06/2015	4.2	4.5	NA	Arcadis
	01/05/2016	4.4	4.4	NA	Arcadis
	04/07/2016	3.5	4.0	NA	Arcadis
	07/21/2016	3.9	4.5	NA	Arcadis
	10/06/2016	5.7	4.5	NA	Arcadis
	01/05/2017	4.4	4.5	NA	Arcadis
	04/18/2017	3.1	3.6	NA	Arcadis
	07/18/2017	3.4	3.9	NA	Arcadis
	10/03/2017	3.0	3.6	NA	Arcadis
	01/10/2018	2.9	2.8	NA	Arcadis
	04/05/2018	3.0	3.3	NA	Arcadis
	07/17/2018	3.1	2.6	NA	Arcadis
	10/05/2018	3.0	2.8	NA	Arcadis
	01/08/2019	2.8	2.6	NA	Arcadis
	04/04/2019	2.6	3.0	NA	Arcadis
	07/11/2019	2.5	2.5	NA	Arcadis
	07/11/2019*	2.4	2.5	NA	Arcadis
	10/17/2019	2.6	2.7	NA	Arcadis
	10/17/2019*	2.6	2.7	NA	Arcadis
	01/14/2020	2.6	2.8	NA	Arcadis
	01/14/2020*	2.6	2.8	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-33	04/16/2020	2.5	2.8	NA	Arcadis
	07/14/2020	2.7	2.5	NA	Arcadis
	07/14/2020*	2.7	2.5	NA	Arcadis
	10/15/2020	2.6	2.4	NA	Arcadis
	01/14/2021	2.4	2.4	NA	Arcadis
	01/14/2021*	2.4	2.4	NA	Arcadis
	04/07/2021	2.4	1.9	NA	Arcadis
	04/07/2021*	2.4	1.9	NA	Arcadis
No. of Samples: 49					
EX-34	12/05/2012	6.6	6.2	NA	CH2M
	01/31/2013	19.6	18.4	NA	CH2M
	02/19/2013	19.3	18.7	NA	CH2M
	03/11/2013	18.3	17.9	NA	CH2M
	04/11/2013	18.6	16.8	NA	CH2M
	07/03/2013	17.2	18.4	NA	CH2M
	07/03/2013*	17.4	18.3	NA	CH2M
	10/09/2013	18.6	19.8	NA	CH2M
	01/08/2014	21.5	20.1	NA	CH2M
	07/18/2014	NA	21	NA	CH2M
	10/16/2014	NA	20	NA	CH2M
	01/08/2015	NA	22	NA	CH2M
	04/10/2015	25	25	NA	CH2M
	07/13/2015	27	26	NA	CH2M
	10/13/2015	25	26	NA	Arcadis
	01/14/2016	24	23	NA	Arcadis
	04/07/2016	24	25	NA	Arcadis
	07/12/2016	23	23	NA	Arcadis
	10/13/2016	24	24	NA	Arcadis
	01/05/2017	22	22	NA	Arcadis
	04/06/2017	20	21	NA	Arcadis
	07/18/2017	18	20	NA	Arcadis
	10/05/2017	18	19	NA	Arcadis
	01/10/2018	15	14	NA	Arcadis
	04/05/2018	14	15	NA	Arcadis
	07/10/2018	13	14	NA	Arcadis
	10/05/2018	12	11	NA	Arcadis
	01/10/2019	10	9.2	NA	Arcadis
	04/09/2019	9.0	8.9	NA	Arcadis
	07/09/2019	7.9	8.6	NA	Arcadis
	10/15/2019	8.1	7.9	NA	Arcadis
	01/09/2020	6.9	7.4	NA	Arcadis
	04/07/2020	7.1	6.8	NA	Arcadis
	07/07/2020	7.4	7.2	NA	Arcadis
	10/08/2020	7.5	6.6	NA	Arcadis
	01/12/2021	6.1	6.2	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-34	04/07/2021	6.1	6.3	NA	Arcadis
<i>No. of Samples:</i> 37					
EX-35	04/16/2013	4.2	3.3	NA	CH2M
	05/07/2013	4.5	3.3	NA	CH2M
	06/04/2013	3.6	3.2	NA	CH2M
	07/10/2013	4.2	3.3	NA	CH2M
	10/09/2013	3.4	2.8	NA	CH2M
	01/08/2014	3.4	2.9	NA	CH2M
	01/08/2014*	3.8	2.9	NA	CH2M
	04/08/2014	3.3	3.0	NA	CH2M
	07/18/2014	2.8	2.8	NA	CH2M
	10/16/2014	2.6	2.9	NA	CH2M
	01/08/2015	1.6	2.2	NA	CH2M
	04/10/2015	3.1	3.3	NA	CH2M
	07/13/2015	3.5	3.8	NA	CH2M
	07/13/2015*	3.5	3.9	NA	CH2M
	10/06/2015	3.9	3.8	NA	Arcadis
	01/05/2016	3.0	2.7	NA	Arcadis
	04/07/2016	2.1	2.1	NA	Arcadis
	07/21/2016	3.1	3.4	NA	Arcadis
	07/21/2016*	3.1	3.4	NA	Arcadis
	10/04/2016	1.9	2.1	NA	Arcadis
	01/06/2017	1.8	2.0 J	NA	Arcadis
	04/18/2017	1.8	1.8	NA	Arcadis
	10/04/2017	3.6	4.1	NA	Arcadis
	04/05/2018	3.5	3.7	NA	Arcadis
	04/05/2018*	3.5	3.7	NA	Arcadis
	10/05/2018	3.7	3.7	NA	Arcadis
	10/05/2018*	3.7	3.7	NA	Arcadis
	04/09/2019	1.6	1.8	NA	Arcadis
	04/09/2019*	1.6	1.6	NA	Arcadis
	10/17/2019	1.4	1.5	NA	Arcadis
	04/07/2020	3.8	3.9	NA	Arcadis
	04/07/2020*	4.0	3.8	NA	Arcadis
	10/08/2020	3.6	3.4	NA	Arcadis
	04/08/2021	3.8	3.6	NA	Arcadis
	04/08/2021*	3.7	3.6	NA	Arcadis
<i>No. of Samples:</i> 35					
EX-35-A1	09/03/2014	4.6	4.5	NA	CH2M
<i>No. of Samples:</i> 1					
EX-36	04/16/2014	1.7	1.8	NA	CH2M
	05/15/2014	NA	1.9	NA	Arcadis
	05/15/2014*	NA	2.0	NA	Arcadis
	05/22/2014	2.3	1.9	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-36	06/02/2014	1.6	1.8	NA	CH2M
	07/10/2014	1.7	1.8	NA	CH2M
	08/07/2014	1.9	1.6	NA	CH2M
	09/15/2014	2.1	1.6	NA	CH2M
	10/17/2014	1.6	1.6	NA	CH2M
	11/19/2014	1.6	1.6	NA	CH2M
	12/24/2014	1.7	1.7	NA	CH2M
	02/03/2015	1.8	1.9	NA	CH2M
	02/23/2015	1.7	1.8	NA	CH2M
	04/13/2015	1.6	1.7	NA	CH2M
	05/13/2015	1.7	1.7	NA	CH2M
	06/22/2015	1.6	1.8	NA	CH2M
	07/27/2015	1.5	1.8	NA	CH2M
	08/31/2015	1.8	1.9	NA	CH2M
	09/29/2015	1.8	1.7	NA	CH2M
	10/19/2015	1.6	1.7	NA	Arcadis
	11/19/2015	1.7	1.7	NA	Arcadis
	12/07/2015	1.6	1.7	NA	Arcadis
	01/13/2016	2.0	1.7	NA	Arcadis
	01/19/2016	1.8	1.7	NA	Arcadis
	02/11/2016	NA	1.7	NA	Arcadis
	03/10/2016	1.6	1.6	NA	Arcadis
	04/12/2016	1.8	1.7	NA	Arcadis
	04/19/2016	1.6	1.9	NA	Arcadis
	04/21/2016	NA	1.7	NA	Arcadis
	05/04/2016	1.6	1.7	NA	Arcadis
	06/09/2016	1.4	1.8	NA	Arcadis
	07/12/2016	1.7	1.8	NA	Arcadis
	07/15/2016	1.7	1.8	NA	Arcadis
	08/02/2016	1.4	1.6	NA	Arcadis
	09/06/2016	1.7	1.8	NA	Arcadis
	10/06/2016	1.8	1.7	NA	Arcadis
	10/11/2016	1.9	1.7	NA	Arcadis
	11/30/2016	1.7	1.8	NA	Arcadis
	12/15/2016	1.6	1.8	NA	Arcadis
	01/04/2017	NA	1.8	NA	Arcadis
	01/12/2017	1.7	1.7	NA	Arcadis
	04/13/2017	1.6	1.8	NA	Arcadis
	10/05/2017	1.6	1.8	NA	Arcadis
	04/05/2018	1.7	1.8	NA	Arcadis
	10/17/2018	34	0.24	NA	Arcadis
	11/28/2018	4.7	0.29	NA	Arcadis
	04/11/2019	6.0	0.91	NA	Arcadis
	06/07/2019	8.3	1.7	NA	Arcadis
	10/17/2019	13	0.98	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-36	12/06/2019	33 J	1.6	NA	Arcadis
	05/08/2020	5.4	0.25	NA	Arcadis
	06/04/2020	23	0.98	NA	Arcadis
	10/19/2020	1.8	0.53	NA	Arcadis
	12/04/2020	2.2	1.5	NA	Arcadis
	04/06/2021	3.6	1.4	NA	Arcadis
	06/01/2021	6.6	1.4	NA	Arcadis
No. of Samples: 56					
EX-37	02/05/2015	NA	20	NA	CH2M
	04/10/2015	20	19	NA	CH2M
	07/13/2015	10	10	NA	CH2M
	10/13/2015	13	14	NA	Arcadis
	01/12/2016	13	13	NA	Arcadis
	04/07/2016	12	12	NA	Arcadis
	04/07/2016*	12	12	NA	Arcadis
	07/19/2016	9.0	7.5	NA	Arcadis
	10/11/2016	10	9.3	NA	Arcadis
	01/11/2017	10	9.7	NA	Arcadis
	04/13/2017	10	10	NA	Arcadis
	04/13/2017*	10	10	NA	Arcadis
	07/13/2017	9.1	9.9	NA	Arcadis
	10/05/2017	13	9.8	NA	Arcadis
	01/16/2018	15	16	NA	Arcadis
	04/05/2018	13	13	NA	Arcadis
	07/10/2018	12	10	NA	Arcadis
	10/04/2018	13	12	NA	Arcadis
	01/10/2019	13	11	NA	Arcadis
	04/09/2019	12	11	NA	Arcadis
	07/09/2019	11	11	NA	Arcadis
	10/15/2019	14	11	NA	Arcadis
	02/03/2020	14	14	NA	Arcadis
	04/16/2020	38	14	NA	Arcadis
	07/07/2020	6.8	6.2	NA	Arcadis
	01/12/2021	12	9.6	NA	Arcadis
	04/07/2021	12	10	NA	Arcadis
No. of Samples: 27					
EX-38	06/23/2015	52	52	NA	CH2M
	07/13/2015	37	33	NA	CH2M
	08/07/2015	NA	29	NA	CH2M
	09/01/2015	NA	24	NA	CH2M
	10/08/2015	NA	37	NA	Arcadis
	01/07/2016	33	32	NA	Arcadis
	04/07/2016	26	26	NA	Arcadis
	07/14/2016	43	42	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-38	10/11/2016	33	32	NA	Arcadis
	10/11/2016*	33	33	NA	Arcadis
	01/12/2017	23	22	NA	Arcadis
	04/20/2017	20	20	NA	Arcadis
	07/20/2017	23	24	NA	Arcadis
	10/10/2017	20	20	NA	Arcadis
	01/16/2018	14	16	NA	Arcadis
	04/10/2018	17	18	NA	Arcadis
	07/10/2018	27	27	NA	Arcadis
	07/10/2018*	25	27	NA	Arcadis
	10/16/2018	43	44	NA	Arcadis
	01/10/2019	32	28	NA	Arcadis
	04/04/2019	12	12	NA	Arcadis
	07/09/2019	62	65	NA	Arcadis
	10/15/2019	58	56	NA	Arcadis
	01/15/2020	44	45	NA	Arcadis
	04/16/2020	31	32	NA	Arcadis
	07/07/2020	51	44	NA	Arcadis
	10/08/2020	34	31	NA	Arcadis
	01/06/2021	68	66	NA	Arcadis
	04/15/2021	50	55	NA	Arcadis
No. of Samples: 29					
EX-39	06/23/2015	87	86	NA	CH2M
	07/13/2015	79	88	NA	CH2M
	08/07/2015	NA	100	NA	CH2M
	09/01/2015	NA	110	NA	CH2M
	10/08/2015	NA	110	NA	Arcadis
	01/07/2016	130	110	NA	Arcadis
	01/07/2016*	110	110	NA	Arcadis
	04/12/2016	86	86	NA	Arcadis
	07/14/2016	140	140	NA	Arcadis
	10/13/2016	140	140	NA	Arcadis
	01/12/2017	210	180	NA	Arcadis
	04/11/2017	300	250	NA	Arcadis
	07/13/2017	260	250	NA	Arcadis
	08/29/2017	NA	290	NA	Arcadis
	10/19/2017	330	330	NA	Arcadis
	01/18/2018	340	330	NA	Arcadis
	04/11/2018	62	4.9	NA	Arcadis
	06/07/2018	290	270	NA	Arcadis
	07/10/2018	290	280	NA	Arcadis
	04/02/2019	300	280	NA	Arcadis
	07/09/2019	290	300	NA	Arcadis
	10/15/2019	130	120	NA	Arcadis
	04/24/2020	130	120	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-39	10/08/2020	140	110	NA	Arcadis
	04/13/2021	120	97	NA	Arcadis
No. of Samples: 25					
EX-40	06/23/2015	23	25	NA	CH2M
	06/23/2015*	23	25	NA	CH2M
	07/13/2015	39	43	NA	CH2M
	08/07/2015	NA	56	NA	CH2M
	09/01/2015	NA	50	NA	CH2M
	10/08/2015	NA	99	NA	Arcadis
	01/12/2016	140	140	NA	Arcadis
	04/12/2016	120	110	NA	Arcadis
	07/14/2016	160	140	NA	Arcadis
	10/13/2016	280	260	NA	Arcadis
	01/17/2017	420	410	NA	Arcadis
	04/20/2017	520	510	NA	Arcadis
	07/20/2017	120	120	NA	Arcadis
	10/10/2017	190	150	NA	Arcadis
	01/16/2018	1,100	1,000	NA	Arcadis
	04/10/2018	110	110	NA	Arcadis
	07/10/2018	680	630	NA	Arcadis
	07/11/2019	770	790	NA	Arcadis
No. of Samples: 18					
EX-41	06/23/2015	19	19	NA	CH2M
	07/13/2015	19	20	NA	CH2M
	08/07/2015	NA	19	NA	CH2M
	10/08/2015	NA	23	NA	Arcadis
	01/12/2016	23	24	NA	Arcadis
	04/12/2016	17	17	NA	Arcadis
	07/14/2016	11	11	NA	Arcadis
	10/13/2016	30	27	NA	Arcadis
	01/17/2017	30	27	NA	Arcadis
	04/20/2017	26	19	NA	Arcadis
	04/20/2017*	27	20	NA	Arcadis
	07/20/2017	27	21	NA	Arcadis
	10/10/2017	32	23	NA	Arcadis
	10/10/2017*	31	24	NA	Arcadis
	01/16/2018	28	22	NA	Arcadis
	04/10/2018	25	19	NA	Arcadis
	07/10/2018	29	19	NA	Arcadis
	04/09/2020	2.8	0.54	NA	Arcadis
No. of Samples: 18					
EX-42	03/26/2015	NA	120	NA	CH2M
	07/23/2015	160	150	NA	CH2M
	08/07/2015	NA	170	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-42	10/08/2015	NA	250	NA	Arcadis
	01/07/2016	280	260	NA	Arcadis
	04/12/2016	240	240	NA	Arcadis
	07/14/2016	230	230	NA	Arcadis
	10/11/2016	250	240	NA	Arcadis
	01/17/2017	240	230	NA	Arcadis
	04/20/2017	230	210	NA	Arcadis
	07/20/2017	160	190	NA	Arcadis
	07/20/2017*	170	180	NA	Arcadis
	10/10/2017	160	170	NA	Arcadis
	01/16/2018	160	170	NA	Arcadis
	04/10/2018	150	160	NA	Arcadis
	07/10/2018	140	150	NA	Arcadis
	10/04/2018	130	130	NA	Arcadis
	10/04/2018*	130	130	NA	Arcadis
	01/10/2019	80	71	NA	Arcadis
	04/04/2019	84	87	NA	Arcadis
	04/04/2019*	79	87	NA	Arcadis
	07/09/2019	53	64	NA	Arcadis
	07/09/2019*	61	66	NA	Arcadis
	10/15/2019	75	78	NA	Arcadis
	10/15/2019*	79	77	NA	Arcadis
	01/15/2020	71	74	NA	Arcadis
	04/09/2020	90	90	NA	Arcadis
	07/07/2020	82	72	NA	Arcadis
	10/08/2020	82	70	NA	Arcadis
	10/08/2020*	78	69	NA	Arcadis
	01/06/2021	65	66	NA	Arcadis
	04/13/2021	64	66	NA	Arcadis
	04/13/2021*	65	66	NA	Arcadis
No. of Samples:		33			
EX-43	03/25/2015	NA	98	NA	CH2M
	07/10/2015	84	93	NA	CH2M
	08/07/2015	NA	59	NA	CH2M
	09/01/2015	NA	67	NA	CH2M
	10/08/2015	NA	92	NA	Arcadis
	01/12/2016	130 J	140	NA	Arcadis
	04/12/2016	62	67	NA	Arcadis
	07/14/2016	76	72	NA	Arcadis
	10/13/2016	71	67	NA	Arcadis
	01/17/2017	73	70	NA	Arcadis
	04/20/2017	77	79	NA	Arcadis
	07/20/2017	89	92	NA	Arcadis
	10/10/2017	80	86	NA	Arcadis
	01/16/2018	75	79	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-43	04/10/2018	68	77	NA	Arcadis
	07/10/2018	80	82	NA	Arcadis
	10/04/2018	50	49	NA	Arcadis
	01/10/2019	36	33	NA	Arcadis
	04/09/2019	37	37	NA	Arcadis
No. of Samples: 19					
EX-44	03/24/2015	NA	18	NA	CH2M
	07/10/2015	12	12	NA	CH2M
	08/07/2015	NA	28	NA	CH2M
	10/08/2015	NA	100	NA	Arcadis
	01/14/2016	100	100	NA	Arcadis
	04/12/2016	71	72	NA	Arcadis
	07/14/2016	68 J	56	NA	Arcadis
	10/13/2016	53	29	NA	Arcadis
	04/20/2017	25	4.3	NA	Arcadis
	07/20/2017	30	13	NA	Arcadis
	10/10/2017	28	2.4	NA	Arcadis
	01/16/2018	150	160	NA	Arcadis
	04/10/2018	35	36	NA	Arcadis
	07/10/2018	12	0.49	NA	Arcadis
No. of Samples: 14					
EX-45	03/10/2015	NA	0.49	NA	CH2M
	07/10/2015	210	180	NA	CH2M
	08/07/2015	NA	490	NA	CH2M
	09/01/2015	NA	440	NA	CH2M
	10/08/2015	NA	470	NA	Arcadis
	01/07/2016	360	350	NA	Arcadis
	04/12/2016	340	340	NA	Arcadis
	07/14/2016	380	350	NA	Arcadis
	10/13/2016	390	330	NA	Arcadis
	01/17/2017	420	390	NA	Arcadis
	04/11/2017	220	150	NA	Arcadis
	07/11/2017	390	330	NA	Arcadis
	10/10/2017	560	560	NA	Arcadis
	01/16/2018	330 J	360	NA	Arcadis
	01/16/2018*	410 J	340	NA	Arcadis
	04/10/2018	440	420	NA	Arcadis
	07/10/2018	480	500	NA	Arcadis
	07/09/2019	430	440	NA	Arcadis
No. of Samples: 18					
EX-46	03/25/2015	NA	64	NA	CH2M
	07/10/2015	56	62	NA	CH2M
	07/10/2015*	58	61	NA	CH2M
	08/07/2015	NA	120	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-46	09/01/2015	NA	110	NA	CH2M
	10/08/2015	NA	85	NA	Arcadis
	01/14/2016	69	69	NA	Arcadis
	04/12/2016	52	51	NA	Arcadis
	07/14/2016	35	34	NA	Arcadis
	10/13/2016	39	36	NA	Arcadis
	01/17/2017	38	38	NA	Arcadis
	04/11/2017	39	41	NA	Arcadis
	07/11/2017	27	31	NA	Arcadis
	10/10/2017	27	29	NA	Arcadis
	01/16/2018	35	36	NA	Arcadis
	04/10/2018	29	33	NA	Arcadis
	07/12/2018	21	21	NA	Arcadis
	07/12/2018*	20	21	NA	Arcadis
	10/04/2018	26	24	NA	Arcadis
	01/10/2019	43	40	NA	Arcadis
	01/10/2019*	44	40	NA	Arcadis
	04/09/2019	46	45	NA	Arcadis
No. of Samples: 22					
EX-47	03/12/2015	NA	18	NA	CH2M
	07/23/2015	49	50	NA	CH2M
	08/07/2015	NA	55	NA	CH2M
	09/01/2015	NA	62	NA	CH2M
	10/08/2015	NA	80	NA	Arcadis
	01/14/2016	74	75	NA	Arcadis
	04/12/2016	54	50	NA	Arcadis
	07/14/2016	34	34	NA	Arcadis
	10/13/2016	26	25	NA	Arcadis
	01/17/2017	28	25	NA	Arcadis
	04/11/2017	99	99	NA	Arcadis
	07/11/2017	19	21	NA	Arcadis
	10/10/2017	13	15	NA	Arcadis
	01/16/2018	15	16	NA	Arcadis
	04/10/2018	15	15	NA	Arcadis
	07/12/2018	14	14	NA	Arcadis
	10/04/2018	19	17	NA	Arcadis
	01/10/2019	23	21	NA	Arcadis
	04/09/2019	25	21	NA	Arcadis
No. of Samples: 19					
EX-48	03/19/2015	NA	23	NA	CH2M
	07/10/2015	49	51	NA	CH2M
	08/07/2015	NA	59	NA	CH2M
	09/01/2015	NA	75	NA	CH2M
	10/08/2015	NA	120	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-48	01/14/2016	63	58	NA	Arcadis
	04/12/2016	55	55	NA	Arcadis
	07/14/2016	53	52	NA	Arcadis
	10/13/2016	58	53	NA	Arcadis
	01/17/2017	57	60	NA	Arcadis
	04/11/2017	44	47	NA	Arcadis
	07/11/2017	28	32	NA	Arcadis
	10/10/2017	52	55	NA	Arcadis
	01/16/2018	35	40	NA	Arcadis
	04/10/2018	25	34	NA	Arcadis
	07/12/2018	47	49	NA	Arcadis
	10/04/2018	61	58	NA	Arcadis
	01/10/2019	82	72	NA	Arcadis
	04/09/2019	4.5	ND (0.06)	NA	Arcadis
No. of Samples: 19					
EX-49	03/17/2015	NA	ND (0.2)	NA	CH2M
	07/10/2015	ND (1.0)	ND (0.15)	NA	CH2M
	08/07/2015	NA	64	NA	CH2M
	09/01/2015	NA	570	NA	CH2M
	10/08/2015	NA	250	NA	Arcadis
	01/07/2016	170	160	NA	Arcadis
	04/12/2016	240	230	NA	Arcadis
	07/14/2016	230	220	NA	Arcadis
	10/11/2016	300	250	NA	Arcadis
	01/17/2017	450	410	NA	Arcadis
	04/11/2017	94	75	NA	Arcadis
	07/11/2017	95	94	NA	Arcadis
	10/10/2017	96	72	NA	Arcadis
	01/16/2018	73	72	NA	Arcadis
	01/16/2018*	71	74	NA	Arcadis
	04/18/2018	63	66	NA	Arcadis
	07/12/2018	48	20	NA	Arcadis
No. of Samples: 17					
EX-50	03/31/2015	NA	720	NA	CH2M
	07/10/2015	750	680	NA	CH2M
	08/07/2015	NA	340	NA	CH2M
	09/01/2015	NA	480	NA	CH2M
	10/08/2015	NA	460	NA	Arcadis
	01/07/2016	330	320	NA	Arcadis
	01/07/2016*	340	320	NA	Arcadis
	04/12/2016	250	250	NA	Arcadis
	07/14/2016	240	240	NA	Arcadis
	07/14/2016*	270	230	NA	Arcadis
	10/11/2016	240	240	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-50	01/17/2017	210	200	NA	Arcadis
	01/17/2017*	200	200	NA	Arcadis
	04/11/2017	260	220	NA	Arcadis
	07/11/2017	200	200	NA	Arcadis
	07/11/2017*	210	200	NA	Arcadis
	08/30/2017	NA	170	NA	Arcadis
	10/10/2017	200	190	NA	Arcadis
	01/16/2018	170	180	NA	Arcadis
	04/10/2018	150	170	NA	Arcadis
	04/10/2018*	160	170	NA	Arcadis
	07/12/2018	140	140	NA	Arcadis
	10/04/2018	140	140	NA	Arcadis
	01/08/2019	70	64	NA	Arcadis
	04/02/2019	120	120	NA	Arcadis
	04/02/2019*	120	120	NA	Arcadis
	07/09/2019	120	130	NA	Arcadis
	10/15/2019	59	54	NA	Arcadis
	10/15/2019*	59	55	NA	Arcadis
	01/09/2020	40	40	NA	Arcadis
	05/05/2020	69	69	NA	Arcadis
	05/05/2020*	67	70	NA	Arcadis
	07/07/2020	57	51	NA	Arcadis
	10/08/2020	56	50	NA	Arcadis
	10/08/2020*	57	49	NA	Arcadis
	01/06/2021	52	50	NA	Arcadis
	04/13/2021	46	46	NA	Arcadis
	04/13/2021*	49	46	NA	Arcadis
No. of Samples:		38			
EX-51	04/02/2015	NA	12	NA	CH2M
	07/10/2015	19	22	NA	CH2M
	08/07/2015	NA	50	NA	CH2M
	10/08/2015	NA	24	NA	Arcadis
	01/07/2016	17	18	NA	Arcadis
	04/12/2016	34	34	NA	Arcadis
	07/14/2016	9.5	9.5	NA	Arcadis
	10/11/2016	15	15	NA	Arcadis
	01/17/2017	11	8.7	NA	Arcadis
	04/11/2017	14	15	NA	Arcadis
	07/11/2017	19	19	NA	Arcadis
	10/11/2017	28	27	NA	Arcadis
	10/11/2017*	29	27	NA	Arcadis
	01/16/2018	46	49	NA	Arcadis
	04/10/2018	30	33	NA	Arcadis
	07/12/2018	15	15	NA	Arcadis
	07/24/2019	45	48	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-51	03/10/2020	49	53	NA	Arcadis
	04/09/2020	70	70	NA	Arcadis
	10/13/2020	64	60	NA	Arcadis
	04/13/2021	59	57	NA	Arcadis
No. of Samples: 21					
EX-52	04/03/2015	NA	1.5	NA	CH2M
	07/10/2015	13	14	NA	CH2M
	08/07/2015	NA	14	NA	CH2M
	10/08/2015	NA	20	NA	Arcadis
	01/07/2016	9.1	7.1	NA	Arcadis
	04/12/2016	7.2	7.2	NA	Arcadis
	07/14/2016	4.0	4.1	NA	Arcadis
	10/11/2016	4.3	4.2	NA	Arcadis
	01/17/2017	4.3	3.9	NA	Arcadis
	04/11/2017	5.8	5.7	NA	Arcadis
	07/11/2017	6.3	7.1	NA	Arcadis
	10/17/2017	9.8	10	NA	Arcadis
	01/16/2018	10	10	NA	Arcadis
	04/10/2018	12	13	NA	Arcadis
	07/12/2018	18	17	NA	Arcadis
	10/04/2018	13	12	NA	Arcadis
	01/08/2019	11	10	NA	Arcadis
	04/09/2019	12	12	NA	Arcadis
	07/09/2019	16	15	NA	Arcadis
	10/15/2019	13	12	NA	Arcadis
	01/15/2020	13	13	NA	Arcadis
	04/09/2020	14	14	NA	Arcadis
	07/07/2020	19	17	NA	Arcadis
	10/22/2020	11	11	NA	Arcadis
	01/06/2021	14	14	NA	Arcadis
	04/13/2021	15	16	NA	Arcadis
No. of Samples: 26					
EX-53	06/27/2017	12	11	NA	Arcadis
	07/11/2017	17	18	NA	Arcadis
	10/10/2017	20	21	NA	Arcadis
	01/16/2018	16	17	NA	Arcadis
	04/10/2018	15	17	NA	Arcadis
	07/12/2018	15	15	NA	Arcadis
	10/04/2018	15	14	NA	Arcadis
	10/04/2018*	15	14	NA	Arcadis
	01/10/2019	13	13	NA	Arcadis
	04/09/2019	13	13	NA	Arcadis
	07/09/2019	12	14	NA	Arcadis
	10/15/2019	13	12	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-53	01/09/2020	12	12	NA	Arcadis
	04/16/2020	11	12	NA	Arcadis
	07/07/2020	13	12	NA	Arcadis
	10/13/2020	13	13	NA	Arcadis
	01/12/2021	12	12	NA	Arcadis
	04/08/2021	13	14	NA	Arcadis
No. of Samples:		18			
EX-54	10/18/2017	42	44	NA	Arcadis
	05/01/2018	13	12	NA	Arcadis
	07/17/2018	12	13	NA	Arcadis
	10/04/2018	16	16	NA	Arcadis
	01/08/2019	12	15	NA	Arcadis
	04/11/2019	160 J	160	NA	Arcadis
	06/07/2019	49	55	NA	Arcadis
	01/15/2020	96	100	NA	Arcadis
	07/14/2020	42	38	NA	Arcadis
	10/15/2020	NA	160	NA	Arcadis
No. of Samples:		10			
EX-55	02/23/2018	NA	39	NA	Arcadis
	07/18/2018	34	36	NA	Arcadis
	07/18/2018*	34	35	NA	Arcadis
	10/04/2018	37	37	NA	Arcadis
	10/04/2018*	37	37	NA	Arcadis
	01/08/2019	42	39	NA	Arcadis
	01/08/2019*	41	38	NA	Arcadis
	04/02/2019	48	48	NA	Arcadis
	04/02/2019*	48	49	NA	Arcadis
	07/16/2019	74	80	NA	Arcadis
	11/07/2019	73	69	NA	Arcadis
	11/07/2019*	70	69	NA	Arcadis
	01/15/2020	68	73	NA	Arcadis
	04/16/2020	67	72	NA	Arcadis
	04/16/2020*	69	71	NA	Arcadis
	07/14/2020	69	63	NA	Arcadis
	07/14/2020*	69	63	NA	Arcadis
	10/15/2020	69	68	NA	Arcadis
	10/15/2020*	70	69	NA	Arcadis
	01/06/2021	47	48	NA	Arcadis
	04/15/2021	63	66	NA	Arcadis
No. of Samples:		21			
EX-55D	02/26/2018 ^b	NA	42	NA	Arcadis
No. of Samples:		1			
EX-55S	02/26/2018 ^c	NA	43	NA	Arcadis
No. of Samples:		1			

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-56	03/01/2018	NA	52	NA	Arcadis
	07/12/2018	27	28	NA	Arcadis
	10/11/2018	17	16	NA	Arcadis
	01/10/2019	15	14	NA	Arcadis
	04/02/2019	15	15	NA	Arcadis
	07/11/2019	12	13	NA	Arcadis
	10/15/2019	12	12	NA	Arcadis
	01/09/2020	12	13	NA	Arcadis
	01/09/2020*	12	13	NA	Arcadis
	04/09/2020	13	13	NA	Arcadis
	07/07/2020	14	13	NA	Arcadis
	10/13/2020	17	16	NA	Arcadis
	01/06/2021	19	19	NA	Arcadis
	04/15/2021	30	31	NA	Arcadis
No. of Samples:	14				
EX-56D	03/01/2018 ^b	NA	110	NA	Arcadis
No. of Samples:	1				
EX-56S	03/02/2018 ^c	NA	33	NA	Arcadis
No. of Samples:	1				
EX-57	03/07/2018	NA	160	NA	Arcadis
No. of Samples:	1				
EX-57D	03/08/2018 ^b	NA	1,000	NA	Arcadis
No. of Samples:	1				
EX-57S	03/09/2018 ^c	NA	13	NA	Arcadis
No. of Samples:	1				
EX-58	04/05/2018	NA	83	NA	Arcadis
No. of Samples:	1				
EX-58D	04/05/2018 ^b	NA	1,100	NA	Arcadis
No. of Samples:	1				
EX-58S	04/05/2018 ^c	NA	10	NA	Arcadis
No. of Samples:	1				
EX-59	03/30/2018	NA	28	NA	Arcadis
	02/13/2019	8.2	8.8	NA	Arcadis
	04/02/2019	15	15	NA	Arcadis
	07/11/2019	30	33	NA	Arcadis
	10/15/2019	32	31	NA	Arcadis
	01/09/2020	27	28	NA	Arcadis
	04/09/2020	36	36	NA	Arcadis
	07/07/2020	48	45	NA	Arcadis
	10/13/2020	68	69	NA	Arcadis
	01/06/2021	58	59	NA	Arcadis
	01/06/2021*	55	58	NA	Arcadis
	04/12/2021	38	39	NA	Arcadis
No. of Samples:	12				

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-59D	03/30/2018 ^b	NA	62	NA	Arcadis
	10/04/2018 ^b	71	65	NA	Arcadis
	10/04/2018* ^b	68	65	NA	Arcadis
No. of Samples:	3				
EX-59S	03/30/2018 ^c	NA	22	NA	Arcadis
No. of Samples:	1				
EX-60	03/21/2018	NA	36	NA	Arcadis
No. of Samples:	1				
EX-60D	03/22/2018 ^b	NA	210	NA	Arcadis
	10/04/2018 ^b	190	180	NA	Arcadis
	02/13/2019 ^b	220	220	NA	Arcadis
	02/13/2019* ^b	230	210	NA	Arcadis
	04/09/2019 ^b	240	220	NA	Arcadis
	07/11/2019 ^b	240	240	NA	Arcadis
	10/17/2019 ^b	260	240	NA	Arcadis
	01/09/2020 ^b	220 J	220	NA	Arcadis
	04/09/2020 ^b	290	260	NA	Arcadis
	07/09/2020 ^b	230	210	NA	Arcadis
	10/13/2020 ^b	270	260	NA	Arcadis
	01/06/2021 ^b	250	220	NA	Arcadis
	01/06/2021* ^b	240	220	NA	Arcadis
	04/15/2021 ^b	200	200	NA	Arcadis
No. of Samples:	14				
EX-60S	03/21/2018 ^c	NA	29	NA	Arcadis
No. of Samples:	1				
EX-61	03/14/2018	NA	35	NA	Arcadis
No. of Samples:	1				
EX-61D	03/15/2018 ^b	NA	48	NA	Arcadis
	10/04/2018 ^b	46	44	NA	Arcadis
	02/13/2019 ^b	93	85	NA	Arcadis
	04/09/2019 ^b	110	97	NA	Arcadis
	07/11/2019 ^b	100	110	NA	Arcadis
	10/17/2019 ^b	100	100	NA	Arcadis
	01/09/2020 ^b	82	81	NA	Arcadis
	04/09/2020 ^b	110	110	NA	Arcadis
	07/09/2020 ^b	140	120	NA	Arcadis
	10/13/2020 ^b	140	130	NA	Arcadis
	01/06/2021 ^b	110	120	NA	Arcadis
	04/15/2021 ^b	93	100	NA	Arcadis
No. of Samples:	12				
EX-61S	03/15/2018 ^c	NA	33	NA	Arcadis
No. of Samples:	1				
EX-62	05/17/2018	NA	4.4	NA	Arcadis
	08/07/2018	4.4	4.8	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-62	10/05/2018	4.8	5.0	NA	Arcadis
	02/12/2019	5.2	4.8	NA	Arcadis
	04/09/2019	5.6	5.5	NA	Arcadis
	07/11/2019	5.3	5.8	NA	Arcadis
	10/17/2019	5.2	5.0	NA	Arcadis
	10/17/2019*	5.3	5.0	NA	Arcadis
	01/09/2020	4.5	4.2	NA	Arcadis
	04/09/2020	5.0	5.0	NA	Arcadis
	07/09/2020	5.4	5.3	NA	Arcadis
	10/13/2020	5.9	5.7	NA	Arcadis
	01/12/2021	5.3	5.2	NA	Arcadis
	04/08/2021	5.2	4.8	NA	Arcadis
No. of Samples:		14			
EX-63	12/11/2018	NA	110	NA	Arcadis
	05/09/2019	150	150	NA	Arcadis
	07/11/2019	200	210	NA	Arcadis
	10/17/2019	140	130	NA	Arcadis
	01/14/2020	140	140	NA	Arcadis
	04/16/2020	120	34	NA	Arcadis
	07/09/2020	160	95	NA	Arcadis
	10/13/2020	95	51	NA	Arcadis
	01/06/2021	62 J	37	NA	Arcadis
	04/15/2021	48	27	NA	Arcadis
No. of Samples:		10			
EX-63D	12/12/2018 ^b	NA	240	NA	Arcadis
No. of Samples:		1			
EX-63S	12/12/2018 ^c	NA	94	NA	Arcadis
No. of Samples:		1			
EX-64	12/07/2018	NA	410	NA	Arcadis
	05/09/2019	500	510	NA	Arcadis
	07/11/2019	520	490	NA	Arcadis
	10/17/2019	370	320	NA	Arcadis
	01/14/2020	350	320	NA	Arcadis
	01/14/2020*	350	320	NA	Arcadis
	04/16/2020	200	180	NA	Arcadis
	07/09/2020	210	160	NA	Arcadis
	07/09/2020*	200	160	NA	Arcadis
	10/13/2020	110	80	NA	Arcadis
	01/06/2021	130	100	NA	Arcadis
	04/15/2021	110	98	NA	Arcadis
No. of Samples:		12			
EX-65	11/28/2018	NA	110	NA	Arcadis
	05/09/2019	140	140	NA	Arcadis
	05/09/2019*	140	150	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-65	07/11/2019	94	76	NA	Arcadis
	07/11/2019*	91	77	NA	Arcadis
	10/17/2019	51	40	NA	Arcadis
	01/14/2020	36	23	NA	Arcadis
	01/14/2020*	35	22	NA	Arcadis
	04/16/2020	32	21	NA	Arcadis
	07/09/2020	29	16	NA	Arcadis
	10/13/2020	32	16	NA	Arcadis
	01/20/2021	31	17	NA	Arcadis
	04/15/2021	32	21	NA	Arcadis
No. of Samples: 13					
EX-66	12/04/2018	NA	21	NA	Arcadis
	04/11/2019	22	22	NA	Arcadis
	07/16/2019	15	16	NA	Arcadis
	07/16/2019*	14	16	NA	Arcadis
	11/07/2019	8.4	8.4	NA	Arcadis
	01/15/2020	6.4	6.3	NA	Arcadis
	01/15/2020*	6.4	6.4	NA	Arcadis
	04/16/2020	6.0	6.4	NA	Arcadis
	07/14/2020	7.8	7.0	NA	Arcadis
	10/15/2020	7.5	7.5	NA	Arcadis
	10/15/2020*	7.5	7.5	NA	Arcadis
	01/12/2021	7.6	7.4	NA	Arcadis
	01/12/2021*	7.4	7.4	NA	Arcadis
	05/06/2021	6.7	5.0	NA	Arcadis
	05/06/2021*	6.2	5.0	NA	Arcadis
No. of Samples: 15					
EX-67	11/16/2018	NA	39	NA	Arcadis
	05/09/2019	36	38	NA	Arcadis
	07/16/2019	26	27	NA	Arcadis
	11/07/2019	24	24	NA	Arcadis
	11/07/2019*	23	23	NA	Arcadis
	01/16/2020	22	24	NA	Arcadis
	04/16/2020	22	23	NA	Arcadis
	04/16/2020*	21	23	NA	Arcadis
	07/14/2020	24	23	NA	Arcadis
	07/14/2020*	24	23	NA	Arcadis
	10/15/2020	24	21	NA	Arcadis
	01/12/2021	24	24	NA	Arcadis
	01/12/2021*	24	23	NA	Arcadis
No. of Samples: 13					
EX-67D	11/20/2018 ^b	NA	21	NA	Arcadis
No. of Samples: 1					
EX-67S	11/20/2018 ^c	NA	82	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 1					
EX-68	12/21/2020	NA	33	NA	Arcadis
	01/05/2021	200 J	190	NA	Arcadis
	01/05/2021*	210 J	190 J	NA	Arcadis
	04/15/2021	33	35	NA	Arcadis
No. of Samples: 4					
EX-68D	12/18/2020 ^b	NA	27	NA	Arcadis
No. of Samples: 1					
EX-68S	12/18/2020 ^c	NA	94	NA	Arcadis
No. of Samples: 1					
EX-69	11/09/2020	NA	12	NA	Arcadis
	01/05/2021	18 J	1.7 J	NA	Arcadis
	03/02/2021	17	16	NA	Arcadis
	04/15/2021	30	32	NA	Arcadis
No. of Samples: 4					
FW-01	03/21/2011	ND (1.1)	ND (0.3)	NA	CH2M
	04/04/2011	ND (1.1)	0.51	NA	CH2M
	05/10/2011	ND (1.0)	0.5	NA	CH2M
	07/27/2011	ND (1.0)	0.67	NA	CH2M
	08/02/2011	ND (1.0)	NA	NA	CH2M
	08/30/2011	1.2	1.1	NA	CH2M
	09/26/2011	1.3	1.0	NA	CH2M
	09/26/2011*	1.1	1.1	NA	CH2M
	10/27/2011	1.9	0.98	NA	CH2M
	11/09/2011	ND (1.0)	0.94	NA	CH2M
	01/11/2012	ND (1.0)	0.98	NA	CH2M
	02/08/2012	1.1	0.92	NA	CH2M
	02/08/2012*	ND (1.0)	0.9	NA	CH2M
	03/07/2012	ND (1.0)	0.93	NA	CH2M
	04/04/2012	ND (1.0)	0.9	NA	CH2M
	05/02/2012	ND (1.0)	1.0	NA	CH2M
	05/15/2012	1.1	0.84	NA	CH2M
	06/13/2012	ND (1.0)	0.91	NA	CH2M
	06/13/2012*	ND (1.0)	0.91	NA	CH2M
	07/11/2012	ND (1.0)	0.89	NA	CH2M
	08/02/2012	1.4	0.85	NA	CH2M
	09/04/2012	ND (1.0)	0.91	NA	CH2M
	10/12/2012	ND (1.0)	0.89	NA	CH2M
	11/08/2012	ND (1.0)	0.89	NA	CH2M
	12/06/2012	ND (1.0)	0.86	NA	CH2M
	01/29/2013	1.0	0.96	NA	CH2M
	02/19/2013	1.0	0.93	NA	CH2M
	03/11/2013	1.0	0.95	NA	CH2M
	04/01/2013	ND (1.0)	0.53	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
FW-01	05/07/2013	1.0	0.94	NA	CH2M
	06/04/2013	1.1	0.95	NA	CH2M
	07/08/2013	ND (1.0)	0.57	NA	CH2M
	08/01/2013	ND (1.0)	0.57	NA	CH2M
	09/12/2013	ND (1.0)	0.81	NA	CH2M
	10/09/2013	ND (1.0)	0.21	NA	CH2M
	11/06/2013	ND (1.0)	0.91	NA	CH2M
	12/09/2013	1.0	0.94	NA	CH2M
	01/14/2014	1.2	0.95	NA	CH2M
	02/05/2014	ND (1.0)	0.99	NA	CH2M
	02/05/2014*	1.0	0.99	NA	CH2M
	03/06/2014	1.0	1.0	NA	CH2M
	04/04/2014	1.1	1.0	NA	CH2M
	05/06/2014	ND (1.0)	1.0	NA	CH2M
	06/03/2014	1.0	0.99	NA	CH2M
	07/10/2014	1.0	0.93	NA	CH2M
	08/04/2014	1.0	1.0	NA	CH2M
	09/04/2014	ND (1.0)	0.99	NA	CH2M
	10/16/2014	1.0	1.1	NA	CH2M
	11/04/2014	1.0	1.1	NA	CH2M
	12/11/2014	1.1	1.1	NA	CH2M
	02/06/2015	1.1	1.1	NA	CH2M
	10/15/2015	ND (1.0)	0.85	NA	Arcadis
	01/21/2016	1.1	1.0	NA	Arcadis
	04/12/2016	ND (1.0)	1.0	NA	Arcadis
	07/19/2016	ND (1.0)	0.99	NA	Arcadis
	01/03/2017	1.0	0.99	NA	Arcadis
	07/26/2017	ND (1.0)	0.84	NA	Arcadis
	01/18/2018	1.0	0.97	NA	Arcadis
	07/17/2018	ND (1.0)	0.83	NA	Arcadis
	07/17/2018*	ND (1.0)	0.84	NA	Arcadis
	01/08/2019	ND (1.0)	0.64	NA	Arcadis
	07/16/2019	ND (1.0)	0.75	NA	Arcadis
	01/15/2020	ND (1.0)	0.72	NA	Arcadis
	01/15/2020*	ND (1.0)	0.71	NA	Arcadis
	07/14/2020	ND (1.0)	0.46	NA	Arcadis
	01/12/2021	ND (1.0)	0.56	NA	Arcadis
	01/12/2021*	ND (1.0)	0.56	NA	Arcadis
No. of Samples: 67					
FW-02	01/09/2012	1.1	0.98	NA	CH2M
	02/08/2012	1.6	1.0	NA	CH2M
	03/07/2012	1.1	1.1	NA	CH2M
	04/04/2012	1.1	1.1	NA	CH2M
	04/04/2012*	1.2	1.1	NA	CH2M
	05/02/2012	ND (1.0)	1.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
FW-02	05/16/2012	1.4	0.97	NA	CH2M
	06/13/2012	ND (1.0)	1.0	NA	CH2M
	07/11/2012	ND (1.0)	0.99	NA	CH2M
	08/02/2012	1.3	0.96	NA	CH2M
	09/04/2012	1.2	1.1	NA	CH2M
	10/12/2012	1.0	1.0	NA	CH2M
	11/08/2012	1.0	1.0	NA	CH2M
	12/06/2012	1.2	0.97	NA	CH2M
	01/29/2013	1.0	1.0	NA	CH2M
	02/19/2013	1.1	0.97	NA	CH2M
	03/11/2013	1.1	1.0	NA	CH2M
	04/01/2013	1.0	0.98	NA	CH2M
	05/07/2013	1.2	0.99	NA	CH2M
	06/04/2013	1.1	1.0	NA	CH2M
	07/08/2013	1.2	1.0	NA	CH2M
	08/01/2013	1.2	1.0	NA	CH2M
	09/12/2013	ND (1.0)	0.87	NA	CH2M
	10/09/2013	ND (1.0)	0.47	NA	CH2M
	11/06/2013	ND (1.0)	0.38	NA	CH2M
	12/09/2013	ND (1.0)	0.52	NA	CH2M
	12/09/2013*	ND (1.0)	0.51	NA	CH2M
	01/14/2014	1.3	0.97	NA	CH2M
	02/05/2014	ND (1.0)	1.0	NA	CH2M
	03/06/2014	1.2	1.1	NA	CH2M
	04/04/2014	1.2	1.1	NA	CH2M
	05/06/2014	ND (1.0)	1.1	NA	CH2M
	06/03/2014	ND (1.0)	1.0	NA	CH2M
	07/10/2014	1.0	1.1	NA	CH2M
	07/10/2014*	1.0	1.0	NA	CH2M
	08/04/2014	1.1	1.0	NA	CH2M
	09/04/2014	1.3	1.0	NA	CH2M
	10/16/2014	1.0	1.1	NA	CH2M
	11/04/2014	1.0	1.0	NA	CH2M
	12/11/2014	1.1	1.1	NA	CH2M
	05/05/2015	ND (1.0)	1.0	NA	CH2M
	08/04/2015	ND (1.0)	0.9	NA	CH2M
	10/15/2015	ND (1.0)	1.1	NA	Arcadis
	01/21/2016	1.2	1.1	NA	Arcadis
	04/12/2016	ND (1.0)	1.1	NA	Arcadis
	07/19/2016	1.1	1.1	NA	Arcadis
	01/03/2017	1.1	1.1	NA	Arcadis
	07/26/2017	ND (1.0)	1.0	NA	Arcadis
	03/14/2018	ND (1.0)	1.0	NA	Arcadis
	07/17/2018	ND (1.0)	1.0	NA	Arcadis
	01/08/2019	ND (1.0)	0.93	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
FW-02	07/16/2019	ND (1.0)	0.92	NA	Arcadis
	01/15/2020	ND (1.0)	0.91	NA	Arcadis
	07/14/2020	ND (1.0)	0.87	NA	Arcadis
	07/14/2020*	1.0	0.85	NA	Arcadis
	01/12/2021	ND (1.0)	0.8	NA	Arcadis
	01/12/2021*	ND (1.0)	0.79	NA	Arcadis
<i>No. of Samples:</i> 57					
FW-03	05/05/2015	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2015	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2015	ND (1.0)	0.22	NA	Arcadis
	01/21/2016	ND (1.0)	0.27	NA	Arcadis
	04/12/2016	ND (1.0)	0.24	NA	Arcadis
	07/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/05/2017	ND (1.0)	0.32	NA	Arcadis
	01/05/2017*	ND (1.0)	0.33	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/18/2018	ND (1.0)	0.36	NA	Arcadis
	07/17/2018	ND (1.0)	0.21	NA	Arcadis
	01/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/16/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/16/2020*	ND (1.0)	0.2	NA	Arcadis
	07/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/14/2021	ND (1.0)	0.22	NA	Arcadis
<i>No. of Samples:</i> 18					
FW-04	02/06/2015	ND (1.0)	0.29	NA	CH2M
	05/05/2015	ND (1.0)	0.22	NA	CH2M
	08/04/2015	ND (1.0)	0.25	NA	CH2M
	10/15/2015	ND (1.0)	0.21	NA	Arcadis
	01/21/2016	ND (1.0)	0.31	NA	Arcadis
	04/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/03/2017	ND (1.0)	0.25	NA	Arcadis
	07/26/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/18/2018	ND (1.0)	0.25	NA	Arcadis
	01/18/2018*	ND (1.0)	0.23	NA	Arcadis
	07/17/2018	ND (1.0)	0.24	NA	Arcadis
	01/08/2019	ND (1.0)	0.21	NA	Arcadis
	07/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/15/2020	ND (1.0)	0.24	NA	Arcadis
	07/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/14/2021	ND (1.0)	0.21	NA	Arcadis
	01/14/2021*	ND (1.0)	0.21	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 18					
FW-05	10/30/2013	ND (1.0)	0.063	NA	CH2M
	10/31/2013	ND (1.0)	0.11	NA	CH2M
	11/01/2013	ND (1.0)	0.15	NA	CH2M
	11/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/05/2013	ND (1.0)	0.63	NA	CH2M
	11/06/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/06/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	0.53	NA	CH2M
	11/15/2013	ND (1.0)	0.34	NA	CH2M
	12/23/2013	ND (1.0)	0.72	NA	CH2M
No. of Samples: 10					
G-1R	03/09/2011	5.4	5.1	NA	CH2M
	04/15/2011	5.1	4.7	NA	CH2M
	05/09/2011	5.0	4.3	NA	CH2M
	05/09/2011*	4.5	4.3	NA	CH2M
	06/06/2011	4.6	4.4	NA	CH2M
	06/06/2011*	4.5	4.4	NA	CH2M
	07/07/2011	4.3	4.0	NA	CH2M
	08/17/2011	3.6	4.0	NA	CH2M
	08/23/2011	3.5	4.2	NA	Arcadis
	09/15/2011	3.8	3.8	NA	CH2M
	10/25/2011	4.2	3.9	NA	CH2M
	12/21/2011	2.4	1.9	NA	CH2M
	12/21/2011*	2.4	1.8	NA	CH2M
	01/27/2012	3.3	3.0	NA	CH2M
	04/19/2012	4.3	4.0	NA	CH2M
	07/10/2012	1.7	1.5	NA	CH2M
	10/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/18/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	ND (1.0)	NA	CH2M
	10/09/2013	1.5	1.4	NA	CH2M
	01/08/2014	1.5	1.3	NA	CH2M
	04/08/2014	1.4	1.7	NA	CH2M
	07/18/2014	1.2	1.3	NA	CH2M
	10/14/2014	1.3	1.5	NA	CH2M
	01/08/2015	1.3	1.5	NA	CH2M
	01/08/2015*	1.3	1.6	NA	CH2M
	05/05/2015	1.4	1.8	NA	CH2M
	07/09/2015	1.7	1.8	NA	CH2M
	10/06/2015	1.6	1.7	NA	Arcadis
	01/12/2016	1.6	1.8	NA	Arcadis
	04/14/2016	1.3	1.1	NA	Arcadis
	04/14/2016*	1.3	1.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
G-1R	07/21/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/06/2016	1.1	1.4	NA	Arcadis
	01/05/2017	1.3	1.4	NA	Arcadis
	04/18/2017	1.2	1.3	NA	Arcadis
	10/03/2017	ND (1.0)	1.1	NA	Arcadis
	06/07/2018	ND (1.0)	0.55	NA	Arcadis
	10/16/2018	1.1	0.84	NA	Arcadis
	06/07/2019	ND (1.0)	1.3	NA	Arcadis
	10/17/2019	ND (1.0)	0.66	NA	Arcadis
	04/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 44					
G-2R	03/09/2011	1.4	1.6	NA	CH2M
	04/07/2011	5.9	5.2	NA	CH2M
	05/09/2011	4.6	4.6	NA	CH2M
	06/06/2011	4.2	4.5	NA	CH2M
	07/07/2011	4.2	4.2	NA	CH2M
	08/17/2011	4.2	4.2	NA	CH2M
	09/12/2011	4.8	4.0	NA	CH2M
	10/25/2011	3.3	3.2	NA	CH2M
	12/21/2011	1.7	1.5	NA	CH2M
	04/19/2012	4.4	3.7	NA	CH2M
	07/10/2012	4.1	3.7	NA	CH2M
	10/16/2012	3.3	3.2	NA	CH2M
	01/16/2013	3.4	3.3	NA	CH2M
	10/09/2013	3.6	3.0	NA	CH2M
	10/09/2013*	3.4	3.0	NA	CH2M
	01/08/2014	1.8	1.7	NA	CH2M
	04/08/2014	1.5	1.7	NA	CH2M
	07/18/2014	1.5	0.54 J	NA	CH2M
	07/18/2014*	1.5	1.2 J	NA	CH2M
	10/14/2014	1.4	1.6	NA	CH2M
	01/08/2015	3.6	3.9	NA	CH2M
	04/09/2015	3.0	2.8	NA	CH2M
	07/09/2015	7.0	6.9	NA	CH2M
	10/06/2015	1.9	2.0	NA	Arcadis
	01/05/2016	1.8	1.9	NA	Arcadis
	04/05/2016	1.6	1.8	NA	Arcadis
	07/21/2016	1.4	1.7	NA	Arcadis
	10/06/2016	1.6	1.7	NA	Arcadis
	01/05/2017	1.5	1.6	NA	Arcadis
	01/05/2017*	1.5	1.7	NA	Arcadis
	04/18/2017	1.4	1.5	NA	Arcadis
	04/18/2017*	1.3	1.5	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
G-2R	10/04/2017	1.4	1.6	NA	Arcadis
	10/04/2017*	1.4	1.6	NA	Arcadis
	04/03/2018	1.4	1.4	NA	Arcadis
	04/03/2018*	1.4	1.5	NA	Arcadis
	11/07/2018	1.4	1.5	NA	Arcadis
	04/04/2019	1.1	1.5	NA	Arcadis
	10/17/2019	1.2	1.4	NA	Arcadis
	10/17/2019*	1.1	1.4	NA	Arcadis
	04/09/2020	1.5	1.5	NA	Arcadis
	04/09/2020*	1.5	1.6	NA	Arcadis
	10/13/2020	1.6	1.5	NA	Arcadis
	04/08/2021	1.6	1.6	NA	Arcadis
No. of Samples: 44					
G-2R-A1	09/03/2014	1.9	1.9	NA	CH2M
No. of Samples: 1					
G-5R	03/09/2011	4.0	3.8	NA	CH2M
	03/09/2011*	3.6	3.7	NA	CH2M
	04/07/2011	4.6	4.1	NA	CH2M
	05/10/2011	4.8	4.4	NA	CH2M
	06/06/2011	5.4	4.6	NA	CH2M
	07/07/2011	4.7	4.6	NA	CH2M
	08/17/2011	4.5	4.8	NA	CH2M
	08/17/2011*	4.2	4.8	NA	CH2M
	09/12/2011	6.1	6.6	NA	CH2M
	10/25/2011	5.0	6.1	NA	Arcadis
	10/25/2011	6.8	6.1	NA	CH2M
	11/17/2011	3.9	5.3	NA	Arcadis
	11/21/2011	4.3	5.1	NA	Arcadis
	11/22/2011	5.0	4.8	NA	CH2M
	11/22/2011	4.4	5.0	NA	Arcadis
	11/30/2011	4.3	5.0 J	NA	Arcadis
	12/01/2011	4.5	4.9	NA	Arcadis
	12/08/2011	4.2 J	5.1	NA	Arcadis
	12/13/2011	4.4	4.8 J	NA	Arcadis
	12/15/2011	4.6	5.2 J	NA	Arcadis
	12/15/2011	5.2	5.2	NA	CH2M
	12/19/2011	4.3	5.1	NA	Arcadis
	12/19/2011*	NA	5.0	NA	Arcadis
	12/21/2011	4.7	5.2	NA	Arcadis
	12/27/2011	3.3	4.1	NA	Arcadis
	12/27/2011*	NA	4.2	NA	Arcadis
	01/27/2012	5.1	4.5	NA	CH2M
	02/24/2012	5.0	4.6	NA	CH2M
	04/19/2012	4.8	4.6	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
G-5R	05/16/2012	4.3	4.3	NA	CH2M
	06/04/2012	5.1	4.4	NA	CH2M
	07/10/2012	4.3	4.4	NA	CH2M
	10/16/2012	4.3	4.1	NA	CH2M
	01/16/2013	4.4	4.2	NA	CH2M
	04/16/2013	4.2	4.1	NA	CH2M
	07/08/2013	4.1	3.7	NA	CH2M
	10/09/2013	3.6	3.8	NA	CH2M
	01/08/2014	3.6	3.6	NA	CH2M
	01/08/2014*	3.6	3.6	NA	CH2M
	04/08/2014	3.6	3.7	NA	CH2M
	07/18/2014	3.3	3.6	NA	CH2M
	10/14/2014	3.7	3.8	NA	CH2M
	01/08/2015	2.2	2.4	NA	CH2M
	04/10/2015	2.7	2.7	NA	CH2M
	07/09/2015	2.4	2.6	NA	CH2M
	07/09/2015*	2.5	2.6	NA	CH2M
	10/06/2015	2.6	2.9	NA	Arcadis
	01/07/2016	2.8	2.1	NA	Arcadis
	07/12/2016	3.4	3.5	NA	Arcadis
	01/05/2017	3.2	3.4	NA	Arcadis
	07/18/2017	2.1	2.4	NA	Arcadis
	04/03/2018	2.9	3.0	NA	Arcadis
	10/16/2018	1.7	1.8	NA	Arcadis
	04/12/2019	1.3	1.5	NA	Arcadis
	10/17/2019	1.4	1.2	NA	Arcadis
	04/09/2020	1.5	1.4	NA	Arcadis
	10/13/2020	4.5	4.2	NA	Arcadis
	04/07/2021	1.0	0.87	NA	Arcadis
No. of Samples:	58				
IDW-MW196EP	02/03/2015	7.2	3.9	NA	CH2M
No. of Samples:	1				
IN-01	04/30/2009	1.5	1.35	NA	CH2M
No. of Samples:	1				
IN-02	04/28/2009	2.27	2.63	NA	CH2M
No. of Samples:	1				
IN-03	04/22/2009	1.83	1.75	NA	CH2M
No. of Samples:	1				
IN-04	04/17/2009	ND (1.0)	0.44	NA	CH2M
No. of Samples:	1				
IN-05	05/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
IW-01	03/08/2001	34	NA	20	ALISTO

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
IW-01	05/22/2001	46	56.8	42	ALISTO
	09/25/2001	30	NA	ND (10)	ALISTO
	12/04/2001	42	8.0	ND (10)	ALISTO
	02/08/2002	34.2	8.7	NA	CH2M
	05/22/2002	19.3	18.6	NA	CH2M
	08/27/2002	17.9	10	NA	CH2M
	08/27/2002*	12.7	9.6	NA	CH2M
	11/12/2002	16.2	15.7	NA	CH2M
	02/19/2003	22.8	15	NA	CH2M
	08/13/2003	8.8	7.0	NA	CH2M
	02/23/2004	8.4	6.4	NA	CH2M
	08/26/2004	4.32	ND (0.2)	NA	CH2M
	02/10/2005	4.59	2.7	NA	CH2M
	12/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011	24.5	22.4	NA	CH2M
	06/15/2011	26.6	25.7	NA	CH2M
	07/06/2011	27.9	25.5	NA	CH2M
	08/17/2011	35.6	31.9	NA	CH2M
	09/13/2011	35.9	35.4	NA	CH2M
	10/25/2011	35.5	35.1	NA	CH2M
	10/25/2011*	34.8	36.8	NA	CH2M
	11/22/2011	36.3	36.2	NA	CH2M
	12/13/2011	32.4	34.8	NA	CH2M
	02/02/2012	30.2	29.9	NA	CH2M
	05/11/2012	34.5	34.9	NA	CH2M
	07/20/2012	35.6	35.6	NA	CH2M
	10/12/2012	35	36.5	NA	CH2M
	01/28/2013	38.8	35.2	NA	CH2M
	05/07/2013	33.2	32.8	NA	CH2M
	07/08/2013	31.6	31.2	NA	CH2M
	07/08/2013*	31.7	31.7	NA	CH2M
	10/09/2013	30.5	30.3	NA	CH2M
	04/18/2014	27	28	NA	CH2M
	07/17/2014	28	26	NA	CH2M
	10/22/2014	19	20	NA	CH2M
	01/22/2015	23	26	NA	CH2M
	04/09/2015	27	25	NA	CH2M
	07/13/2015	25	26	NA	CH2M
	10/13/2015	23	25	NA	Arcadis
	01/12/2016	25	23	NA	Arcadis
	04/05/2016	24	23	NA	Arcadis
	07/19/2016	21	21	NA	Arcadis
	10/11/2016	22	21	NA	Arcadis
	01/11/2017	18	18	NA	Arcadis
	04/13/2017	17	17	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
IW-01	07/13/2017	17	19	NA	Arcadis
	10/05/2017	18	19	NA	Arcadis
	01/11/2018	16	15	NA	Arcadis
	04/03/2018	14	15	NA	Arcadis
	07/12/2018	13	13	NA	Arcadis
	10/04/2018	12	12	NA	Arcadis
	10/04/2018*	11	11	NA	Arcadis
	02/12/2019	9.7	9.1	NA	Arcadis
	04/11/2019	9.4	9.9	NA	Arcadis
	07/11/2019	8.6	9.6	NA	Arcadis
	10/10/2019	8.9	8.6	NA	Arcadis
	01/09/2020	7.5	7.5	NA	Arcadis
	04/14/2020	6.8	7.2	NA	Arcadis
	07/09/2020	7.1	6.7	NA	Arcadis
	10/13/2020	7.2	6.7	NA	Arcadis
	01/12/2021	5.8	6.0	NA	Arcadis
	04/07/2021	5.7	6.2	NA	Arcadis
	04/07/2021*	5.8	6.2	NA	Arcadis
No. of Samples:		64			
IW-02	03/08/2001	14 J	NA	20	ALISTO
	03/08/2001*	14 J	NA	NA	ALISTO
	05/22/2001	14	20	10	ALISTO
	05/22/2001*	14	19	10	ALISTO
	09/25/2001	9.0	NA	ND (10)	ALISTO
	09/25/2001*	5.1	NA	ND (10)	ALISTO
	12/04/2001	20	3.2	ND (10)	ALISTO
	12/04/2001*	8.0	ND (0.2)	ND (10)	ALISTO
	02/08/2002	12.9	9.6	NA	CH2M
	05/23/2002	1.5	ND (0.2)	NA	CH2M
	05/23/2002*	2.1	ND (0.2)	NA	CH2M
	08/27/2002	12.4	9.9	NA	CH2M
	11/12/2002	4.1	2.0	NA	CH2M
	02/19/2003	8.1	2.8	NA	CH2M
	08/15/2003	6.6	2.6	NA	CH2M
	02/16/2004	8.1	3.5	NA	CH2M
	08/26/2004	3.51	ND (0.2)	NA	CH2M
	02/10/2005	3.54	1.61	NA	CH2M
	12/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011	10.1	10	NA	CH2M
	06/15/2011	10	10.2	NA	CH2M
	07/06/2011	9.6	10.1	NA	CH2M
	08/17/2011	9.2	10.4	NA	CH2M
	09/13/2011	10.6	10	NA	CH2M
	10/25/2011	10.6	10.6	NA	CH2M
	11/22/2011	9.8	10	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
IW-02	12/13/2011	9.1	10	NA	CH2M
	02/02/2012	9.8	9.0	NA	CH2M
	05/11/2012	10.2	9.7	NA	CH2M
	07/20/2012	10.1	10.7	NA	CH2M
	10/12/2012	12	12.4	NA	CH2M
	02/18/2013	11	10.3	NA	CH2M
	05/07/2013	13.5	13.4	NA	CH2M
	07/08/2013	16.4	15.9	NA	CH2M
	10/09/2013	14.9	16.6	NA	CH2M
	04/18/2014	13	14	NA	CH2M
	07/17/2014	17	15	NA	CH2M
	10/22/2014	16	17	NA	CH2M
	01/22/2015	14	15	NA	CH2M
	04/10/2015	12	11	NA	CH2M
	04/10/2015*	11	11	NA	CH2M
	07/13/2015	12	13	NA	CH2M
	10/13/2015	12	13	NA	Arcadis
	01/07/2016	14	13	NA	Arcadis
	04/05/2016	10	11	NA	Arcadis
	07/19/2016	11	11	NA	Arcadis
	07/19/2016*	11	11	NA	Arcadis
	10/11/2016	12	10	NA	Arcadis
	01/11/2017	12	12	NA	Arcadis
	04/13/2017	12	12	NA	Arcadis
	07/13/2017	9.5	11	NA	Arcadis
	10/05/2017	9.7	10	NA	Arcadis
	01/11/2018	11	11	NA	Arcadis
	04/03/2018	9.5	9.9	NA	Arcadis
	07/12/2018	8.1	8.3	NA	Arcadis
	10/16/2018	8.0	7.8	NA	Arcadis
	02/12/2019	8.5	7.7	NA	Arcadis
	04/11/2019	7.4	7.5	NA	Arcadis
	07/11/2019	6.7	7.1	NA	Arcadis
	10/10/2019	7.1	6.9	NA	Arcadis
	10/10/2019*	7.3	6.8	NA	Arcadis
	01/10/2020	7.9	8.3	NA	Arcadis
	04/14/2020	6.9	7.5	NA	Arcadis
	04/14/2020*	6.9	7.4	NA	Arcadis
	07/09/2020	7.3	6.8	NA	Arcadis
	10/13/2020	7.5	7.1	NA	Arcadis
	01/12/2021	7.7	7.8	NA	Arcadis
	04/07/2021	8.2	8.6	NA	Arcadis
	04/07/2021*	8.1	8.5	NA	Arcadis
No. of Samples:		69			
IW-03	06/15/2011	5.1	4.8	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
IW-03	07/06/2011	4.9	4.6	NA	CH2M
	08/17/2011	4.0	3.8	NA	CH2M
	09/13/2011	4.2	4.2	NA	CH2M
	10/25/2011	4.8	4.2	NA	CH2M
	11/22/2011	4.5	4.2	NA	CH2M
	12/13/2011	4.1	2.2	NA	CH2M
	02/02/2012	4.9	4.4	NA	CH2M
	07/20/2012	4.2	4.1	NA	CH2M
	10/12/2012	1.4	0.87	NA	CH2M
	08/08/2013	6.2	5.9	NA	CH2M
	10/09/2013	2.0	1.4	NA	CH2M
	10/09/2013*	1.7	1.4	NA	CH2M
	04/18/2014	4.7	5.0	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	12/11/2014	5.1	6.0	NA	CH2M
	01/22/2015	4.9	5.0	NA	CH2M
	01/22/2015*	4.7	5.0	NA	CH2M
	05/05/2015	4.9	5.4	NA	CH2M
	07/13/2015	4.6	5.0	NA	CH2M
	10/13/2015	4.5	5.0	NA	Arcadis
	01/12/2016	5.2	5.2	NA	Arcadis
	04/05/2016	5.0	5.1	NA	Arcadis
	07/19/2016	4.4	4.8	NA	Arcadis
	10/11/2016	5.3	5.4	NA	Arcadis
	01/11/2017	5.5	5.4	NA	Arcadis
	04/13/2017	4.6	5.0	NA	Arcadis
	07/13/2017	5.0	NA	NA	Arcadis
	10/05/2017	4.3	5.0	NA	Arcadis
	04/03/2018	4.3	4.6	NA	Arcadis
	10/16/2018	4.3	4.3	NA	Arcadis
	04/04/2019	ND (1.0)	0.16	NA	Arcadis
	10/10/2019	4.3	4.2	NA	Arcadis
	04/14/2020	3.8	4.1	NA	Arcadis
	10/13/2020	6.5	6.0	NA	Arcadis
	10/13/2020*	6.3	6.0	NA	Arcadis
	04/07/2021	4.7	5.0	NA	Arcadis
No. of Samples:		37			
MB-A2	07/26/2006	ND (1.0)	ND (0.2 J)	NA	CH2M
No. of Samples:		1			
MW-01	03/09/2001	60	NA	61	ALISTO
	05/24/2001	140	141	140	ALISTO
	10/03/2001	230	180	220	ALISTO
	10/03/2001*	200	190	210	ALISTO
	12/13/2001	270	220	300	ALISTO

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-01	12/13/2001*	270	250	250	ALISTO
	02/14/2002	302	NA	303	CH2M
	05/15/2002	509	NA	432	CH2M
	08/15/2002	511	NA	496	CH2M
	11/11/2002	551	NA	563 J	CH2M
	02/18/2003	526	NA	625	CH2M
	08/18/2003	579	NA	677	CH2M
	02/18/2004	1,290	NA	851	CH2M
	08/26/2004	888	NA	951	CH2M
	02/09/2005	971	NA	963	CH2M
	08/23/2005	1,490	NA	897	CH2M
	02/21/2006	870	NA	706	CH2M
	08/09/2006	300	314	NA	CH2M
	02/21/2007	79.4	87.7	NA	CH2M
	08/22/2007	496	NA	480	CH2M
	02/19/2008	433	NA	464	CH2M
	08/12/2008	486	NA	419	CH2M
	11/04/2008	155	16.9	NA	CH2M
	12/10/2008	105	1.2	NA	Arcadis
	02/09/2009	18.2	0.289	NA	CH2M
	08/06/2009	5.18	ND (0.2)	NA	CH2M
	02/12/2010	2.01	ND (0.2)	NA	CH2M
	08/24/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	01/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	28.9	25.8	NA	CH2M
	11/09/2011	350	350	NA	CH2M
	01/19/2012	510	500	NA	CH2M
	05/02/2012	600	580	NA	CH2M
	08/07/2012	72	49	NA	CH2M
	10/16/2012	140	70	NA	CH2M
	01/16/2013	46	10	NA	CH2M
	01/16/2013*	45	12	NA	CH2M
	04/18/2013	2.3	ND (0.06)	NA	CH2M
	08/02/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	08/02/2013*	ND (1.0)	ND (0.06 J)	NA	CH2M
	10/08/2013	1.5	ND (0.06)	NA	CH2M
	01/13/2014	1.6	ND (0.06)	NA	CH2M
	04/07/2014	250	250	NA	CH2M
	07/11/2014	610	550	NA	CH2M
	10/17/2014	710	660	NA	CH2M
	10/17/2014*	710	650	NA	CH2M
	01/08/2015	880	850	NA	CH2M
	04/14/2015	880	890	NA	CH2M
	07/21/2015	1,100	990	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-01	10/20/2015	990	940	NA	Arcadis
	10/20/2015*	960	930	NA	Arcadis
	02/05/2016	680	650	NA	Arcadis
	02/05/2016*	710	650	NA	Arcadis
	07/20/2016	540	490	NA	Arcadis
	08/11/2016	NA	260	NA	Arcadis
	08/11/2016*	NA	260	NA	Arcadis
	01/26/2017	810	770	NA	Arcadis
	04/28/2017	920	930	NA	Arcadis
	07/19/2017	330	320	NA	Arcadis
	10/26/2017	680	660	NA	Arcadis
	10/26/2017*	640	650	NA	Arcadis
	02/01/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	05/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	05/02/2018*	2.0	ND (0.2)	NA	Arcadis
	07/26/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/26/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/06/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/24/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	07/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/20/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		78			
MW-02	05/23/2001	2.5 J	2.2	ND (10)	ALISTO
	10/03/2001	2.1 J	0.9 J	ND (10)	ALISTO
	12/13/2001	3.2 J	ND (0.2)	ND (10)	ALISTO
	02/12/2002	3.0	2.0	NA	CH2M
	05/15/2002	2.0	0.88	NA	CH2M
	08/16/2002	1.5	0.88	NA	CH2M
	11/11/2002	1.7	1.0	NA	CH2M
	02/18/2003	2.1	0.9	NA	CH2M
	08/15/2003	3.2	0.93	NA	CH2M
	02/18/2004	3.1	0.95	NA	CH2M
	08/26/2004	3.17	0.919	NA	CH2M
	02/09/2005	1.7	0.96	NA	CH2M
	08/23/2005	1.44	0.953	NA	CH2M
	02/20/2006	1.61	0.958	NA	CH2M
	08/15/2006	ND (1.0)	1.01	NA	CH2M
	02/21/2007	1.18	0.932	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-02	08/14/2007	1.29	0.958	NA	CH2M
	02/20/2008	ND (1.0)	1.05	NA	CH2M
	08/05/2008	ND (1.0)	0.74	NA	CH2M
No. of Samples:		19			
MW-03	03/08/2001	23	NA	23	ALISTO
	05/24/2001	25	25	28	ALISTO
	10/04/2001	25	18	24	ALISTO
	12/13/2001	28	23	23	ALISTO
	02/13/2002	24.7	NA	30	CH2M
	05/15/2002	23.1	24.6	NA	CH2M
	08/16/2002	29.7	28.3	NA	CH2M
	08/16/2002*	30.4	27.5	NA	CH2M
	11/11/2002	20.5	20.2	NA	CH2M
	02/17/2003	17.9	15.5	NA	CH2M
	08/14/2003	15.7	13.9	NA	CH2M
	02/18/2004	15.9	11.5	NA	CH2M
	08/26/2004	31.4	28	NA	CH2M
	02/09/2005	37.7	36.3	NA	CH2M
	08/23/2005	26.9	32.6	NA	CH2M
	02/17/2006	27.5	28.4	NA	CH2M
	08/10/2006	31.9	35.5	NA	CH2M
	02/21/2007	33.3	34.6	NA	CH2M
	08/15/2007	31.1	32.1	NA	CH2M
	02/19/2008	29.7	32.8	NA	CH2M
	08/05/2008	26.6	27.2	NA	CH2M
	11/07/2008	27.8	28	NA	CH2M
	02/09/2009	27.9	28.4	NA	CH2M
	05/15/2009	28.2	28.4	NA	CH2M
	08/06/2009	24.2	28.1	NA	CH2M
	11/17/2009	27.8	28.4	NA	CH2M
	02/12/2010	25	22.5	NA	CH2M
	05/11/2010	21.4	24.6	NA	CH2M
	05/11/2010*	20.8	25.1	NA	CH2M
	08/23/2010	24.9	28.1	NA	CH2M
	08/23/2010*	25.1	28.7	NA	CH2M
	10/27/2010	22.9	26.6	NA	CH2M
	10/27/2010*	22.6	26.4	NA	CH2M
	01/26/2011	20.6	24.9	NA	CH2M
	01/26/2011*	20.7	25.3	NA	CH2M
	04/29/2011	24.3	24	NA	CH2M
	07/29/2011	27.8	28.2	NA	CH2M
	11/07/2011	31.2	31	NA	CH2M
	01/30/2012	40.8	34.5	NA	CH2M
	04/27/2012	39	40.8	NA	CH2M
	07/20/2012	38	35.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-03	10/15/2012	28.6	32	NA	CH2M
	01/18/2013	40.6	41.1	NA	CH2M
	04/16/2013	57.8	59.8	NA	CH2M
	04/16/2013*	55.8	61.4	NA	CH2M
	07/12/2013	55.3	53.8	NA	CH2M
	10/17/2013	50.4	47.4	NA	CH2M
	01/15/2014	39	35.7	NA	CH2M
	04/10/2014	26	27	NA	CH2M
	07/18/2014	12	13	NA	CH2M
	10/17/2014	31	30	NA	CH2M
	10/17/2014*	30	31	NA	CH2M
	01/07/2015	57	62	NA	CH2M
	04/15/2015	56	59	NA	CH2M
	07/15/2015	54	55	NA	CH2M
	10/21/2015	NA	47	NA	Arcadis
	10/21/2015*	41	47	NA	Arcadis
	02/04/2016	NA	55	NA	Arcadis
	05/05/2016	NA	55	NA	Arcadis
	05/05/2016*	NA	56	NA	Arcadis
	08/11/2016	51	54	NA	Arcadis
	08/11/2016*	51	53	NA	Arcadis
	11/04/2016	48	46	NA	Arcadis
	01/18/2017	40	39	NA	Arcadis
	01/27/2017	NA	39	NA	Arcadis
	04/28/2017	31	34	NA	Arcadis
	04/28/2017*	31	33	NA	Arcadis
	07/24/2017	26 J	29	NA	Arcadis
	11/06/2017	31	31	NA	Arcadis
	11/06/2017*	31	32	NA	Arcadis
	02/02/2018	21 J	31	NA	Arcadis
	02/02/2018*	12 J	14 J	NA	Arcadis
	05/03/2018	29	28	NA	Arcadis
	07/26/2018	25	26	NA	Arcadis
	10/25/2018	23	23	NA	Arcadis
	02/14/2019	21	18	NA	Arcadis
	05/08/2019	16	18	NA	Arcadis
	07/25/2019	18	19	NA	Arcadis
	10/24/2019	17	16	NA	Arcadis
	01/23/2020	16	18	NA	Arcadis
	04/22/2020	16	17	NA	Arcadis
	07/23/2020	15	14	NA	Arcadis
	10/22/2020	14	14	NA	Arcadis
	01/20/2021	6.6	6.7	NA	Arcadis
	04/22/2021	21	22	NA	Arcadis

No. of Samples: 85

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-03A	03/12/2004	2.5	0.33	NA	CH2M
	04/27/2004	2.0	0.24	NA	CH2M
	08/30/2004	6.71	0.344	NA	CH2M
	02/09/2005	2.95	0.36	NA	CH2M
	08/23/2005	2.24	2.04	NA	CH2M
	02/17/2006	4.04	0.485	NA	CH2M
	08/10/2006	ND (1.0)	0.526	NA	CH2M
	02/22/2007	ND (1.0)	0.532	NA	CH2M
	08/15/2007	ND (1.0)	0.529	NA	CH2M
	02/19/2008	1.73	0.537	NA	CH2M
	02/19/2008*	1.06	0.479	NA	CH2M
	08/06/2008	ND (1.0)	0.46	NA	CH2M
	04/19/2013	NA	0.66	NA	CH2M
	07/19/2013	NA	0.55	NA	CH2M
	10/08/2013	NA	0.57	NA	CH2M
	01/13/2014	NA	0.39	NA	CH2M
	01/13/2014*	NA	0.4	NA	CH2M
	04/10/2014	NA	0.54	NA	CH2M
	07/18/2014	NA	0.53	NA	CH2M
	10/17/2014	NA	0.62	NA	CH2M
	01/07/2015	NA	0.64	NA	CH2M
	04/14/2015	NA	0.64	NA	CH2M
	07/15/2015	NA	0.78	NA	CH2M
	10/20/2015	NA	0.84	NA	Arcadis
	01/21/2016	NA	2.4	NA	Arcadis
	04/13/2016	NA	2.6	NA	Arcadis
	07/20/2016	14	14	NA	Arcadis
	10/31/2016	28	19	NA	Arcadis
	01/06/2017	25	23	NA	Arcadis
	03/06/2017	26	24	NA	Arcadis
	04/18/2017	28	27	NA	Arcadis
	04/18/2017*	28	27	NA	Arcadis
	07/24/2017	28	31	NA	Arcadis
	10/19/2017	22 J	22	NA	Arcadis
	01/22/2018	20	20	NA	Arcadis
	01/22/2018*	21	20	NA	Arcadis
	04/19/2018	23	22	NA	Arcadis
	04/19/2018*	22	21	NA	Arcadis
	09/06/2018	29	29	NA	Arcadis
No. of Samples:		39			
MW-04	03/09/2001	200	NA	217	ALISTO
	05/23/2001	200	199	201	ALISTO
	10/04/2001	210	180	220	ALISTO
	12/12/2001	270	270	230	ALISTO
	02/14/2002	292	NA	248	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-04	05/16/2002	260	NA	245	CH2M
	08/20/2002	217	NA	202	CH2M
	11/12/2002	214	NA	206	CH2M
	11/12/2002*	211	NA	210	CH2M
	02/19/2003	180	NA	202	CH2M
	08/14/2003	237	NA	171	CH2M
	02/19/2004	164	NA	152	CH2M
	08/26/2004	155	NA	130	CH2M
	02/09/2005	114	NA	113	CH2M
	08/16/2005	93.1	NA	95.1	CH2M
	02/14/2006	83.3	NA	84.5	CH2M
	08/08/2006	77.9	NA	80.2	CH2M
	02/21/2007	65.5	74.4	NA	CH2M
	08/22/2007	64.1	NA	67.4	CH2M
	02/14/2008	59.1	NA	66.6	CH2M
	08/12/2008	59.4	61.6	NA	CH2M
	08/11/2009	49.3	54.8	NA	CH2M
	02/10/2010	42.7	45.9	NA	CH2M
	05/13/2010	48	43.9	NA	CH2M
	05/13/2010*	48	44.3	NA	CH2M
	08/16/2010	47.2	57.4	NA	CH2M
	08/16/2010*	46.2	51.8	NA	CH2M
	11/01/2010	39.5	41.2	NA	CH2M
	01/31/2011	41.5	46.6	NA	CH2M
	07/28/2011	45.5	49	NA	CH2M
	01/30/2012	40.2	41	NA	CH2M
	07/20/2012	38.4	38.5	NA	CH2M
	07/20/2012*	40.4	38.7	NA	CH2M
	01/18/2013	34.7	37.9	NA	CH2M
	07/12/2013	32.6	35.1	NA	CH2M
	07/12/2013*	34.9	35.1	NA	CH2M
	01/15/2014	44.5	41.8	NA	CH2M
	07/16/2014	33	33	NA	CH2M
	07/16/2014*	34	32	NA	CH2M
	01/07/2015	29	33	NA	CH2M
	07/15/2015	49	51	NA	CH2M
	01/21/2016	460	410	NA	Arcadis
	07/14/2016	410	390	NA	Arcadis
	01/06/2017	440	410	NA	Arcadis
	07/24/2017	390	380	NA	Arcadis
	10/19/2017	290	300	NA	Arcadis
	01/23/2018	110	120	NA	Arcadis
	04/19/2018	NA	120	NA	Arcadis
	07/17/2018	100	110	NA	Arcadis
	07/17/2018*	110	110	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-04	10/02/2018	NA	130	NA	Arcadis
	01/10/2019	58	54	NA	Arcadis
	07/11/2019	120 J	130	NA	Arcadis
	11/08/2019	15	13	NA	Arcadis
	01/16/2020	13	14	NA	Arcadis
	04/13/2020	13	1.4	NA	Arcadis
	07/13/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/06/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2021	ND (1.0)	0.59	NA	Arcadis
No. of Samples: 60					
MW-05	05/24/2001	2.5 J	2.3	ND (10)	ALISTO
	10/04/2001	3.9 J	1.3	ND (10)	ALISTO
	12/13/2001	2.8 J	0.9 J	ND (10)	ALISTO
	02/11/2002	3.5	0.85	NA	CH2M
	05/16/2002	4.4	0.52	NA	CH2M
	08/19/2002	5.0	0.51	NA	CH2M
	11/11/2002	1.8	0.6	NA	CH2M
	02/17/2003	3.0	0.9	NA	CH2M
	08/14/2003	4.4	0.82	NA	CH2M
	02/18/2004	7.0	0.65	NA	CH2M
	08/26/2004	5.98	0.592	NA	CH2M
	02/10/2005	2.12	0.455	NA	CH2M
	08/18/2005	ND (1.0)	0.442	NA	CH2M
	02/15/2006	3.5	0.421	NA	CH2M
	08/16/2006	ND (1.0)	0.71	NA	CH2M
	02/21/2007	1.35	0.761	NA	CH2M
	08/14/2007	ND (1.0)	0.757	NA	CH2M
	02/14/2008	ND (1.0)	0.687	NA	CH2M
	08/05/2008	ND (1.0)	0.62	NA	CH2M
	02/06/2009	ND (1.0)	0.8	NA	CH2M
	08/11/2009	ND (1.0)	0.77	NA	CH2M
	11/11/2009	1.11	0.63	NA	CH2M
	02/11/2010	ND (1.0)	0.62	NA	CH2M
	05/13/2010	ND (1.0)	0.71	NA	CH2M
	08/16/2010	ND (1.0)	0.79	NA	CH2M
	11/01/2010	ND (1.0)	0.73	NA	CH2M
	01/31/2011	1.0	0.77	NA	CH2M
	04/29/2011	1.1	0.8	NA	CH2M
	07/29/2011	ND (1.0)	0.67	NA	CH2M
	11/07/2011	ND (1.0)	0.72	NA	CH2M
	01/30/2012	ND (1.0)	0.62	NA	CH2M
	04/27/2012	ND (1.0)	0.64	NA	CH2M
	07/20/2012	ND (1.0)	0.58	NA	CH2M
	10/15/2012	ND (1.0)	0.62	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-05	01/18/2013	ND (1.0)	0.63	NA	CH2M
	04/16/2013	ND (1.0)	0.62	NA	CH2M
	07/12/2013	ND (1.0)	0.6	NA	CH2M
	10/17/2013	ND (1.0)	0.58	NA	CH2M
	01/15/2014	ND (1.0)	0.58	NA	CH2M
	01/15/2014*	ND (1.0)	0.58	NA	CH2M
	04/11/2014	ND (1.0)	0.67	NA	CH2M
	07/25/2014	ND (1.0)	0.58	NA	CH2M
	10/17/2014	ND (1.0)	0.58	NA	CH2M
	01/07/2015	ND (1.0)	0.66	NA	CH2M
	04/16/2015	ND (1.0)	0.63	NA	CH2M
	07/15/2015	ND (1.0)	0.64	NA	CH2M
	10/21/2015	ND (1.0)	ND (0.75)	NA	Arcadis
	01/21/2016	ND (1.0)	0.65	NA	Arcadis
	04/13/2016	ND (1.0)	0.65	NA	Arcadis
	07/18/2016	ND (1.0)	0.63	NA	Arcadis
	11/01/2016	ND (1.0)	0.62	NA	Arcadis
	04/18/2017	ND (1.0)	0.59	NA	Arcadis
	10/12/2017	ND (1.0 J)	0.57	NA	Arcadis
	04/17/2018	4.3	4.7	NA	Arcadis
	10/02/2018	ND (1.0)	0.83	NA	Arcadis
	04/10/2019	2.3	2.7	NA	Arcadis
	10/21/2019	1.6	1.3	NA	Arcadis
	04/13/2020	1.7	1.4	NA	Arcadis
	10/15/2020	6.9	7.3	NA	Arcadis
	12/03/2020	11	12	NA	Arcadis
	01/20/2021	20	19	NA	Arcadis
	04/19/2021	27	28	NA	Arcadis
No. of Samples:		62			
MW-06	03/09/2001	110	NA	130	ALISTO
	05/23/2001	100	102	100	ALISTO
	07/05/2001	140	143	140	ALISTO
	08/15/2001	180	175	170	ALISTO
	10/05/2001	160	160	160	ALISTO
	10/25/2001	150	150	160	ALISTO
	11/20/2001	140	150	150	ALISTO
	12/11/2001	140	130	140	ALISTO
	01/23/2002	130	137	NA	CH2M
	02/14/2002	202	131	NA	CH2M
	03/28/2002	103	113	NA	CH2M
	04/16/2002	110	116	NA	CH2M
	04/16/2002*	109	116	NA	CH2M
	05/16/2002	114	117	NA	CH2M
	06/27/2002	126	131	NA	CH2M
	07/24/2002	133	122	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-06	08/20/2002	122	118	NA	CH2M
	09/26/2002	113	108	NA	CH2M
	10/15/2002	111	102	NA	CH2M
	11/12/2002	109	114	NA	CH2M
	12/16/2002	141	117	NA	CH2M
	01/23/2003	124	118	NA	CH2M
	02/18/2003	105	111	NA	CH2M
	02/18/2003*	109	114	NA	CH2M
	03/26/2003	92.6	102	NA	CH2M
	04/16/2003	93.2	93	NA	CH2M
	08/14/2003	85.6	86.9	NA	CH2M
	08/14/2003*	83.5	89	NA	CH2M
	02/20/2004	81.8	94.8	NA	CH2M
	02/20/2004*	83	99.8	NA	CH2M
	08/25/2004	104	89.6	NA	CH2M
	08/25/2004*	100	92.5	NA	CH2M
	02/10/2005	81.7	87.3	NA	CH2M
	08/17/2005	113	NA	114	CH2M
	08/17/2005*	113	NA	115	CH2M
	12/07/2005	134	127	NA	CH2M
	12/07/2005*	135	126	NA	CH2M
	02/14/2006	125	NA	118	CH2M
	04/18/2006	109	NA	111	CH2M
	04/18/2006*	109	NA	111	CH2M
	06/14/2006	139	NA	118	CH2M
	06/14/2006*	136	NA	118 J	CH2M
	06/22/2006	116	148 J	NA	CH2M
	06/22/2006*	111	161 J	NA	CH2M
	07/27/2006	110	119 J	NA	CH2M
	07/27/2006*	110	114 J	NA	CH2M
	08/08/2006	100	NA	116	CH2M
	08/08/2006*	103	NA	116	CH2M
	10/16/2006	126	125	NA	Arcadis
	10/20/2006	93.4	NA	110	CH2M
	11/13/2006	112	150	NA	Arcadis
	12/08/2006	110	NA	114	CH2M
	12/12/2006	120	153	NA	Arcadis
	01/16/2007	109	71.3 J	NA	Arcadis
	01/16/2007*	112	72.2 J	NA	Arcadis
	02/14/2007	97.5	136	NA	Arcadis
	02/14/2007	86.1	104	NA	CH2M
	03/12/2007	128	216	NA	Arcadis
	03/12/2007*	132	195 J	NA	Arcadis
	04/16/2007	154	127	NA	Arcadis
	05/22/2007	138	124	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-06	06/11/2007	109	88.1	NA	Arcadis
	07/16/2007	141	134	NA	Arcadis
	08/09/2007	143	148	NA	Arcadis
	09/17/2007	117	116	NA	Arcadis
	10/18/2007	127	128	NA	Arcadis
	12/05/2007	114	NA	115	CH2M
	02/15/2008	131	NA	142	CH2M
	04/10/2008	128	NA	129	CH2M
	04/10/2008*	120	NA	129	CH2M
	06/13/2008	172	NA	159	CH2M
	08/05/2008	134	127	NA	CH2M
	11/07/2008	121	NA	107	CH2M
	02/06/2009	125	NA	120	CH2M
	05/15/2009	188	NA	160	CH2M
	06/11/2009	171	186	NA	CH2M
	08/05/2009	154	148	NA	CH2M
	11/11/2009	107	118	NA	CH2M
	02/17/2010	109	129	NA	CH2M
	02/17/2010*	110	127	NA	CH2M
	05/11/2010	98.9	114	NA	CH2M
	05/11/2010*	95.7	117	NA	CH2M
	08/24/2010	108	130	NA	CH2M
	08/24/2010*	108	130	NA	CH2M
	10/27/2010	115	134	NA	CH2M
	01/26/2011	105	125	NA	CH2M
	04/29/2011	126	131	NA	CH2M
	04/29/2011*	132	121	NA	CH2M
	07/28/2011	104	112	NA	CH2M
	07/28/2011*	106	112	NA	CH2M
	11/07/2011	57.8	55.2	NA	CH2M
	01/19/2012	48	47	NA	CH2M
	05/02/2012	55	55	NA	CH2M
	05/02/2012*	56	55	NA	CH2M
	08/07/2012	39	42	NA	CH2M
	10/16/2012	45	45	NA	CH2M
	01/16/2013	40	41	NA	CH2M
	04/19/2013	30	32	NA	CH2M
	04/19/2013*	29	32	NA	CH2M
	07/19/2013	16	17	NA	CH2M
	10/08/2013	12	13	NA	CH2M
	01/13/2014	6.5	6.7	NA	CH2M
	04/11/2014	7.3	7.6	NA	CH2M
	07/18/2014	5.1	5.3	NA	CH2M
	10/17/2014	5.4	5.6	NA	CH2M
	01/07/2015	6.2	7.2	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-06	04/16/2015	6.1	6.9	NA	CH2M
	04/16/2015*	6.3	6.9	NA	CH2M
	07/15/2015	3.8	4.5	NA	CH2M
	10/20/2015	2.6	3.0	NA	Arcadis
	01/21/2016	2.8	2.8	NA	Arcadis
	04/13/2016	3.3	3.3	NA	Arcadis
	07/18/2016	2.8	2.9	NA	Arcadis
	07/24/2017	1.1	1.3	NA	Arcadis
	07/24/2017*	1.2	1.3	NA	Arcadis
	07/17/2018	3.4	3.3	NA	Arcadis
	07/17/2018*	3.2	3.3	NA	Arcadis
	01/10/2019	1.4	1.3	NA	Arcadis
	07/11/2019	1.0	1.1	NA	Arcadis
	07/13/2020	2.5	2.3	NA	Arcadis
No. of Samples:		120			
MW-07	03/07/2001	ND (20)	NA	ND (10)	ALISTO
	05/23/2001	2.5 J	3.1	ND (10)	ALISTO
	08/15/2001	1.0 J	1.7	ND (10)	ALISTO
	10/04/2001	31	1.3	ND (10)	ALISTO
	10/25/2001	1.6 J	1.2	ND (10)	ALISTO
	11/20/2001	2.2 J	1.6	ND (10)	ALISTO
	12/12/2001	2.5 J	1.1 J	ND (10)	ALISTO
	01/23/2002	4.9	1.8	NA	CH2M
	01/23/2002*	5.2	1.8	NA	CH2M
	02/13/2002	3.7	1.7	NA	CH2M
	03/27/2002	11.6	1.8	NA	CH2M
	04/16/2002	6.5	1.7	NA	CH2M
	05/16/2002	4.2	1.7	NA	CH2M
	06/27/2002	3.7	1.7	NA	CH2M
	07/24/2002	17.9	1.6	NA	CH2M
	08/16/2002	5.9	1.6	NA	CH2M
	09/26/2002	13	1.7	NA	CH2M
	10/14/2002	6.3	1.8	NA	CH2M
	11/11/2002	3.0	1.9	NA	CH2M
	12/16/2002	4.4	2.0	NA	CH2M
	01/23/2003	3.4	2.1	NA	CH2M
	02/17/2003	4.9	2.2	NA	CH2M
	03/26/2003	5.5	2.2	NA	CH2M
	04/16/2003	3.2	2.3	NA	CH2M
	06/25/2003	4.0	2.0	NA	CH2M
	08/12/2003	5.4	1.9	NA	CH2M
	10/28/2003	4.9	2.0	NA	CH2M
	12/01/2003	18 J	2.0	NA	CH2M
	04/29/2004	3.2	1.9	NA	CH2M
	06/15/2004	3.2	1.9	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-07	08/26/2004	5.89	1.76	NA	CH2M
	10/12/2004	2.83	1.81	NA	CH2M
	12/08/2004	1.81	1.73	NA	CH2M
	02/10/2005	2.62	1.7	NA	CH2M
	04/14/2005	3.15	1.81	NA	CH2M
	06/09/2005	2.93	1.67	NA	CH2M
	08/18/2005	1.56	1.55	NA	CH2M
	10/11/2005	6.45	1.38	NA	CH2M
	12/07/2005	1.59	1.42	NA	CH2M
	02/15/2006	5.9	1.54	NA	CH2M
	08/15/2006	1.35	1.55	NA	CH2M
	02/21/2007	1.54	1.55	NA	CH2M
	08/22/2007	1.52	1.56	NA	CH2M
	02/15/2008	1.37	1.5	NA	CH2M
	08/12/2008	ND (1.0)	1.5	NA	CH2M
	08/11/2009	1.41	1.5	NA	CH2M
	02/11/2010	1.31	1.15	NA	CH2M
	08/24/2010	1.2	1.4	NA	CH2M
	01/28/2011	1.2	1.2	NA	CH2M
	01/28/2011*	1.1	1.2	NA	CH2M
	08/03/2011	1.6	1.5	NA	CH2M
	01/30/2012	1.3	1.3	NA	CH2M
	07/20/2012	1.6	1.3	NA	CH2M
	01/18/2013	1.1	1.2	NA	CH2M
	01/18/2013*	1.2	1.2	NA	CH2M
	07/17/2013	1.7	1.4	NA	CH2M
	01/14/2014	1.5	1.1	NA	CH2M
	07/18/2014	1.3	1.4	NA	CH2M
	01/07/2015	1.3	1.6	NA	CH2M
	01/07/2015*	1.4	1.7	NA	CH2M
	07/14/2015	1.2	1.4	NA	CH2M
	01/21/2016	1.4	1.4	NA	Arcadis
No. of Samples:		62			
MW-08	03/09/2001	37	NA	40	ALISTO
	05/23/2001	26	28.3	24	ALISTO
	10/05/2001	40	39	37	ALISTO
	12/11/2001	45	46	41	ALISTO
	02/12/2002	37	NA	44	CH2M
	05/16/2002	30.8	NA	36	CH2M
	05/16/2002*	32.2	NA	39	CH2M
	08/20/2002	41.6	NA	38.7	CH2M
	11/11/2002	50	NA	53.2 J	CH2M
	11/11/2002*	50	NA	51.1 J	CH2M
	02/17/2003	44.6	NA	44.1	CH2M
	06/25/2003	53	54 J	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-08	08/14/2003	53.9	57.1	NA	CH2M
	10/28/2003	50.4	51.1	NA	CH2M
	12/01/2003	58.4 J	57.3	NA	CH2M
	02/18/2004	57.1	70.6	NA	CH2M
	04/27/2004	57	63.6	NA	CH2M
	06/15/2004	53.3	58.4	NA	CH2M
	08/25/2004	55.5	50.6	NA	CH2M
	10/14/2004	46.3	49.1	NA	CH2M
	12/06/2004	58.5	61	NA	CH2M
	02/11/2005	37.7	36	NA	CH2M
	04/11/2005	38	NA	37.6	CH2M
	06/06/2005	21.8	NA	20.2	CH2M
	08/18/2005	10.4	11	NA	CH2M
	10/13/2005	11.8	NA	ND (10)	CH2M
	12/07/2005	22	20.1	NA	CH2M
	02/15/2006	49.9	52.2	NA	CH2M
	04/20/2006	19.9	NA	21.4	CH2M
	06/13/2006	31.1	NA	33.1	CH2M
	08/10/2006	13.8	16.1	NA	CH2M
	10/17/2006	19.6	26.3	NA	Arcadis
	10/20/2006	10.1	11.1	NA	CH2M
	11/15/2006	11.1	14.3	NA	Arcadis
	11/15/2006*	10.9	13	NA	Arcadis
	12/08/2006	60.1	61.7	NA	CH2M
	12/12/2006	54.3	71	NA	Arcadis
	01/16/2007	66.7	88.1 J	NA	Arcadis
	01/16/2007*	67.2	81.4 J	NA	Arcadis
	02/21/2007	61.8	65.1	NA	CH2M
	04/19/2007	53.8	NA	54.4	CH2M
	06/19/2007	29.2	NA	33.8	CH2M
	08/22/2007	5.82	NA	11.4	CH2M
	08/22/2007*	5.61	NA	10.2	CH2M
	10/17/2007	16.6	19.1	NA	CH2M
	12/05/2007	64.5	63.3	NA	CH2M
	02/15/2008	40.4	NA	45.4	CH2M
	02/15/2008*	41	NA	41.9	CH2M
	04/11/2008	42.3	47.4	NA	CH2M
	06/13/2008	9.24	9.32	NA	CH2M
	08/05/2008	8.47 J	8.72	NA	CH2M
	08/11/2009	ND (1.0)	0.73	NA	CH2M
	02/11/2010	ND (1.0)	0.31	NA	CH2M
	08/24/2010	ND (1.0)	0.3	NA	CH2M
	01/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2012	ND (1.0)	0.084	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-08	05/02/2012	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2012	ND (1.0)	0.2	NA	CH2M
	11/07/2012	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2013	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2013*	ND (1.0)	ND (0.2)	NA	CH2M
	05/01/2013	NA	0.12	NA	CH2M
	08/06/2013	ND (1.0)	ND (0.1)	NA	CH2M
	11/08/2013	NA	0.069	NA	CH2M
	02/05/2014	ND (1.0)	ND (0.06)	NA	CH2M
	08/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	11/05/2014	NA	ND (0.06)	NA	CH2M
	02/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	05/04/2015	NA	ND (0.2)	NA	CH2M
	08/05/2015	ND (1.0)	ND (0.2)	NA	CH2M
	11/05/2015	NA	ND (0.2)	NA	Arcadis
	02/04/2016	NA	ND (0.2)	NA	Arcadis
No. of Samples:		73			
MW-09	03/08/2001	10 J	NA	NA	ALISTO
	05/23/2001	29	30	26	ALISTO
	07/05/2001	11	10	10 J	ALISTO
	08/15/2001	9.3	9.4	10	ALISTO
	10/05/2001	32	24	23	ALISTO
	10/05/2001*	8.2	6.6	ND (10)	ALISTO
	10/25/2001	32	28	32	ALISTO
	11/20/2001	37	44	39	ALISTO
	12/12/2001	35	52	35	ALISTO
	12/12/2001*	32	33	30	ALISTO
	01/23/2002	23	24.6	NA	CH2M
	02/14/2002	35.7	34.5	NA	CH2M
	02/14/2002*	36.7	33	NA	CH2M
	03/27/2002	38.1	33.2	NA	CH2M
	04/16/2002	31.7	33	NA	CH2M
	05/16/2002	38.9	44.2	NA	CH2M
	06/27/2002	43.7	48.4	NA	CH2M
	07/24/2002	42.1	45.3	NA	CH2M
	07/24/2002*	45.6	45.2	NA	CH2M
	08/16/2002	29.6	29.3	NA	CH2M
	09/26/2002	30.4	27.1	NA	CH2M
	10/14/2002	32.8	29.1	NA	CH2M
	11/11/2002	41	39.3	NA	CH2M
	12/16/2002	43	43.5	NA	CH2M
	01/23/2003	44.9	40.7	NA	CH2M
	01/23/2003*	40.5	40	NA	CH2M
	02/17/2003	36.8	34.3	NA	CH2M
	02/17/2003*	36.2	34.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-09	03/26/2003	30.2	30.4	NA	CH2M
	03/26/2003*	29	30.3	NA	CH2M
	04/16/2003	30.6	28.9	NA	CH2M
	04/16/2003*	31.7	28.2	NA	CH2M
	06/25/2003	43.8	45.1 J	NA	CH2M
	06/25/2003*	47.1	45.4	NA	CH2M
	08/12/2003	49.3	48.6	NA	CH2M
	08/12/2003*	51.1	47.8	NA	CH2M
	10/28/2003	43.2	42.9	NA	CH2M
	10/28/2003*	42.9	42.2	NA	CH2M
	12/01/2003	54.4 J	48.5	NA	CH2M
	12/01/2003*	56.9 J	47.6	NA	CH2M
	02/20/2004	50.2	52 J	NA	CH2M
	02/20/2004*	51	47.5 J	NA	CH2M
	04/27/2004	45.6	46.2	NA	CH2M
	06/15/2004	34.1	34.2	NA	CH2M
	08/25/2004	21.9	19	NA	CH2M
	08/25/2004*	20.6	18.9	NA	CH2M
	10/14/2004	15.6	15.8	NA	CH2M
	12/07/2004	17.6	15	NA	CH2M
	02/11/2005	14.4	10.7	NA	CH2M
	02/11/2005*	13.5	12.5	NA	CH2M
	04/14/2005	8.36	7.19	NA	CH2M
	04/14/2005*	8.57	7.16	NA	CH2M
	08/18/2005	2.2	2.12	NA	CH2M
	08/18/2005*	2.07	2.09	NA	CH2M
	12/07/2005	2.52	2.3	NA	CH2M
	02/15/2006	6.72	2.38	NA	CH2M
	02/15/2006*	6.45	2.37	NA	CH2M
	08/16/2006	1.82	2.14	NA	CH2M
	02/21/2007	2.66	2.22	NA	CH2M
	08/22/2007	1.64	1.72	NA	CH2M
	02/15/2008	1.59	1.77	NA	CH2M
	08/05/2008	1.39 J	1.51	NA	CH2M
	03/09/2010	1.37	1.47	NA	CH2M
	08/24/2010	1.5	1.6	NA	CH2M
	08/24/2010*	1.4	1.7	NA	CH2M
	08/03/2011	1.5	1.3	NA	CH2M
	05/02/2012	1.1	1.3	NA	CH2M
	07/27/2012	1.2	1.4	NA	CH2M
	11/07/2012	1.2	1.3	NA	CH2M
	02/07/2013	NA	1.3	NA	CH2M
	05/01/2013	NA	1.4	NA	CH2M
	08/06/2013	1.3	1.6	NA	CH2M
	11/08/2013	NA	1.7	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-09	11/08/2013*	NA	1.6	NA	CH2M
	02/05/2014	NA	1.5	NA	CH2M
	05/07/2014	NA	1.4	NA	CH2M
	08/06/2014	1.7	1.6	NA	CH2M
	11/05/2014	NA	1.9	NA	CH2M
	02/06/2015	NA	1.8	NA	CH2M
	02/06/2015*	NA	1.8	NA	CH2M
	05/04/2015	NA	1.9	NA	CH2M
	08/05/2015	1.8	1.9	NA	CH2M
	11/05/2015	NA	1.9	NA	Arcadis
	02/04/2016	1.7	1.8	NA	Arcadis
	05/05/2016	7.3	2.0	NA	Arcadis
	06/02/2016	1.9	2.0	NA	Arcadis
	08/02/2016	2.1	2.1	NA	Arcadis
	11/04/2016	2.3	2.1	NA	Arcadis
	04/13/2017	1.8	2.0	NA	Arcadis
	04/13/2017*	1.8	2.0	NA	Arcadis
	10/12/2017	2.5	2.5	NA	Arcadis
	04/13/2018	1.8	1.9	NA	Arcadis
	10/02/2018	1.9	2.0	NA	Arcadis
	04/10/2019	1.5	1.7	NA	Arcadis
	10/21/2019	1.4	1.5	NA	Arcadis
	04/13/2020	1.6	1.6	NA	Arcadis
	10/15/2020	2.4	2.2	NA	Arcadis
	04/12/2021	2.7	2.9	NA	Arcadis
No. of Samples:		98			
MW-10	03/09/2001	48	NA	51	ALISTO
	05/24/2001	33	34	35	ALISTO
	10/05/2001	40	32	31	ALISTO
	10/05/2001*	30	30	30	ALISTO
	12/11/2001	37	34	34	ALISTO
	02/14/2002	35.8	NA	41	CH2M
	05/17/2002	32.1	NA	34	CH2M
	05/17/2002*	30.8	NA	38	CH2M
	11/14/2002	28.7	NA	28.1	CH2M
	02/17/2003	29.4	NA	27.9	CH2M
	06/24/2003	19.5	16.8	NA	CH2M
	08/13/2003	18.4	16.2	NA	CH2M
	10/30/2003	19.5	14.8	NA	CH2M
	12/01/2003	23.5 J	13.5	NA	CH2M
	02/16/2004	18	13.8	NA	CH2M
	04/28/2004	15.4	13.4	NA	CH2M
	06/14/2004	14.4	13.8	NA	CH2M
	08/24/2004	16.5	14.2	NA	CH2M
	10/14/2004	15.3	15.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-10	12/07/2004	16.2	NA	NA	CH2M
	02/10/2005	14	12.5	NA	CH2M
	04/11/2005	14.3	12.9	NA	CH2M
	06/06/2005	13.6	12.7	NA	CH2M
	08/17/2005	12.8	12.7	NA	CH2M
	10/13/2005	12.4	12.5	NA	CH2M
	12/07/2005	15.1	14.1	NA	CH2M
	02/22/2006	16.9	14.2	NA	CH2M
	08/09/2006	13.8	14.8	NA	CH2M
	10/17/2006	16.6	17.4	NA	CH2M
	12/05/2006	17.6	21.2	NA	CH2M
	02/13/2007	17.8	18.7	NA	CH2M
	08/15/2007	19	19.3	NA	CH2M
	02/13/2008	23.3	24.3	NA	CH2M
	08/05/2008	26.9	27.6	NA	CH2M
	02/05/2009	28.7	31.1	NA	CH2M
	08/10/2009	27.7	31	NA	CH2M
	02/10/2010	23.2	24.9	NA	CH2M
	08/03/2010	26.2	28.8	NA	CH2M
	01/28/2011	28.6	32.1	NA	CH2M
	08/03/2011	39.7	36.6	NA	CH2M
	12/13/2011	36.8 J	43.8	NA	CH2M
	12/13/2011*	46.9 J	43.8	NA	CH2M
	02/01/2012	43	41.4	NA	CH2M
	02/01/2012*	42.4	40.9	NA	CH2M
	04/27/2012	43	40.3	NA	CH2M
	04/27/2012*	37.8	40.3	NA	CH2M
	08/07/2012	34	36	NA	CH2M
	11/07/2012	35	38	NA	CH2M
	02/08/2013	30	35	NA	CH2M
	05/02/2013	27	32	NA	CH2M
	08/06/2013	25	29	NA	CH2M
	11/08/2013	23	27	NA	CH2M
	02/05/2014	26	27	NA	CH2M
	05/07/2014	NA	29	NA	CH2M
	08/06/2014	23	22	NA	CH2M
	08/06/2014*	23	22	NA	CH2M
	11/05/2014	NA	18	NA	CH2M
	03/02/2015	22	24	NA	CH2M
	05/04/2015	NA	28	NA	CH2M
	08/06/2015	22	19	NA	CH2M
	11/05/2015	NA	20	NA	Arcadis
	10/03/2017	15	15	NA	Arcadis
	04/13/2018	18	19	NA	Arcadis
	10/09/2018	13	14	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-10	01/09/2019	9.0	8.7	NA	Arcadis
	04/18/2019	11	11	NA	Arcadis
	07/25/2019	9.1	9.3	NA	Arcadis
	10/24/2019	9.7	8.9	NA	Arcadis
	02/04/2020	5.4	5.7	NA	Arcadis
	04/20/2020	6.1	6.7	NA	Arcadis
	07/20/2020	6.7	6.6	NA	Arcadis
	10/20/2020	9.0	8.8	NA	Arcadis
	02/03/2021	5.0	4.9	NA	Arcadis
	04/08/2021	4.9	5.2	NA	Arcadis
No. of Samples:		74			
MW-11A	04/14/2008	15.5	4.8	NA	Arcadis
	08/16/2010	1.4	ND (0.2)	NA	CH2M
	02/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/19/2012	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/14/2013	11	5.8	NA	CH2M
	04/19/2013	NA	0.62	NA	CH2M
	07/18/2013	NA	ND (0.06)	NA	CH2M
	10/08/2013	NA	ND (0.06)	NA	CH2M
	10/08/2013*	NA	ND (0.06)	NA	CH2M
	01/13/2014	NA	ND (0.06)	NA	CH2M
	04/11/2014	NA	ND (0.11)	NA	CH2M
	07/21/2014	NA	ND (0.06)	NA	CH2M
	10/13/2014	NA	ND (0.06)	NA	CH2M
	01/07/2015	NA	ND (0.06)	NA	CH2M
	04/17/2015	NA	ND (0.2)	NA	CH2M
	07/16/2015	NA	ND (0.2)	NA	CH2M
	07/16/2015*	NA	ND (0.2)	NA	CH2M
No. of Samples:		18			
MW-11B	03/07/2001	750	NA	753	ALISTO
	03/07/2001*	730	NA	738	ALISTO
	05/22/2001	1,400	1,350	1,310	ALISTO
	05/22/2001*	1,400	1,470	1,320	ALISTO
	09/26/2001	1,800	1,700	1,700	ALISTO
	09/26/2001*	1,800	1,600	1,700	ALISTO
	12/05/2001	1,800	1,600	1,800	ALISTO
	12/05/2001*	1,800	2,100	1,600	ALISTO
	02/11/2002	1,820	NA	1,840	CH2M
	05/20/2002	1,920	NA	1,950	CH2M
	08/21/2002	1,910	NA	1,900	CH2M
	11/11/2002	1,790	NA	1,790 J	CH2M
	02/18/2003	1,720	NA	1,900	CH2M
	08/13/2003	2,250	NA	1,780	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-11B	02/19/2004	2,120	NA	1,890	CH2M
	08/31/2004	1,880	NA	1,780	CH2M
	02/10/2005	1,600	NA	1,740	CH2M
	08/24/2005	1,890	NA	1,760	CH2M
	12/08/2005	1,770	1,720	NA	CH2M
	01/24/2006	1,350	1,400	NA	CH2M
	02/16/2006	2,000	1,810	NA	CH2M
	08/16/2006	1,770	NA	1,630	CH2M
	12/11/2006	1,130	1,330	NA	CH2M
	02/16/2007	1,650	1,770	NA	CH2M
	03/07/2007	1,730	1,150	NA	Arcadis
	08/14/2007	1,800	1,710	NA	CH2M
	09/20/2007	1,640	1,580	NA	Arcadis
	02/20/2008	1,520	NA	1,700	CH2M
	03/19/2008	1,800	1,490	NA	Arcadis
	08/14/2008	1,490	1,640	NA	CH2M
	09/23/2008	1,610	1,720	NA	Arcadis
	02/06/2009	1,580	NA	1,470	CH2M
	03/30/2009	1,580	1,630	NA	Arcadis
	03/24/2010	1,440	1,660	NA	Arcadis
	05/20/2010	1,720	1,710	NA	CH2M
	08/16/2010	1,930	2,170	NA	CH2M
	11/01/2010	1,560	1,660	NA	CH2M
	01/31/2011	1,640	1,690	NA	CH2M
	07/29/2011	1,520	1,700	NA	CH2M
	02/01/2012	1,620	1,600	NA	CH2M
	05/02/2012	1,600	1,600	NA	CH2M
	08/07/2012	1,500	1,600	NA	CH2M
	01/22/2013	1,440	1,510	NA	CH2M
	04/19/2013	NA	1,500	NA	CH2M
	07/18/2013	NA	1,500	NA	CH2M
	07/18/2013*	NA	1,500	NA	CH2M
	10/08/2013	NA	1,500	NA	CH2M
	01/13/2014	1,500	1,400	NA	CH2M
	04/11/2014	NA	1,500	NA	CH2M
	07/21/2014	1,400	1,400	NA	CH2M
	10/13/2014	NA	1,100	NA	CH2M
	01/07/2015	1,100	1,200	NA	CH2M
	01/07/2015*	1,100	1,200	NA	CH2M
	04/17/2015	NA	870	NA	CH2M
	07/15/2015	1,400	1,300	NA	CH2M
	10/23/2015	NA	75	NA	Arcadis
	01/20/2016	NA	35	NA	Arcadis
	04/06/2016	NA	34	NA	Arcadis
	07/18/2016	40	39	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-11B	10/21/2016	160	150	NA	Arcadis
	01/05/2017	44	43	NA	Arcadis
	04/18/2017	87	85	NA	Arcadis
	07/21/2017	51	56	NA	Arcadis
	10/16/2017	21	22	NA	Arcadis
	10/16/2017*	22	22	NA	Arcadis
	01/23/2018	11	8.4	NA	Arcadis
	04/19/2018	15	16	NA	Arcadis
	07/17/2018	5.1	2.0	NA	Arcadis
	10/02/2018	5.7	3.6	NA	Arcadis
	01/14/2019	8.1	5.4	NA	Arcadis
	04/12/2019	4.5	4.0	NA	Arcadis
	07/11/2019	4.0	0.86	NA	Arcadis
	11/08/2019	59	59	NA	Arcadis
	01/16/2020	23	15	NA	Arcadis
	01/16/2020*	21	13	NA	Arcadis
	04/13/2020	1.1	0.25	NA	Arcadis
	04/13/2020*	1.1	0.23	NA	Arcadis
	07/13/2020	ND (1.0)	0.27	NA	Arcadis
	10/15/2020	1.1	0.38	NA	Arcadis
	10/15/2020*	1.1	0.38	NA	Arcadis
	01/06/2021	5.0	4.9	NA	Arcadis
	04/20/2021	8.4	7.8	NA	Arcadis
No. of Samples:		82			
MW-11C	03/09/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	2.0 J	ND (0.2)	ND (10)	ALISTO
	02/12/2002	ND (1.0)	ND (0.2)	NA	CH2M
	05/23/2002	1.5	ND (0.2)	NA	CH2M
	08/21/2002	ND (1.0)	ND (0.2)	NA	CH2M
	11/11/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/17/2003	1.2	ND (0.2)	NA	CH2M
	02/17/2003*	ND (1.0)	ND (0.2)	NA	CH2M
	08/13/2003	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2004	1.8	ND (0.2)	NA	CH2M
	08/30/2004	1.5	ND (0.2)	NA	CH2M
	02/11/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	02/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2014	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-11C	07/21/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
<i>No. of Samples:</i> 28					
MW-12A	03/08/2001	22	NA	NA	ALISTO
	05/23/2001	170	166	170	ALISTO
	10/05/2001	29	25	29	ALISTO
	12/12/2001	31	37	30	ALISTO
	02/13/2002	35.3	37.9	NA	CH2M
	05/16/2002	25.9	27.1	NA	CH2M
	08/16/2002	26	23.8	NA	CH2M
	08/16/2002*	26.1	24.1	NA	CH2M
	11/11/2002	24.6	22.5	NA	CH2M
	02/17/2003	97.3	101	NA	CH2M
	08/15/2003	25.7	21.2	NA	CH2M
	02/19/2004	30.3	25.1	NA	CH2M
	08/25/2004	17.6	18	NA	CH2M
	02/10/2005	14.7	13.8	NA	CH2M
	08/23/2005	10.3	12	NA	CH2M
	02/15/2006	20.4	17.7	NA	CH2M
	08/15/2006	9.34	10.3	NA	CH2M
	02/21/2007	7.83	8.25	NA	CH2M
	08/20/2007	11.5	12.7	NA	CH2M
	02/15/2008	5.06	5.65	NA	CH2M
	08/05/2008	6.39	6.78	NA	CH2M
	08/05/2008*	6.44	6.64	NA	CH2M
	02/09/2009	5.6	6.15	NA	CH2M
	08/06/2009	7.17	7.93	NA	CH2M
	08/06/2009*	8.11	7.74	NA	CH2M
	02/17/2010	ND (1.0)	0.62	NA	CH2M
	08/24/2010	ND (1.0)	0.72	NA	CH2M
	01/28/2011	ND (1.0)	0.38	NA	CH2M
	07/28/2011	ND (1.0)	0.28	NA	CH2M
	01/27/2012	ND (1.0)	0.1	NA	CH2M
	05/02/2012	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2012	ND (1.0)	0.21	NA	CH2M
	11/07/2012	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2013	ND (1.0)	ND (0.2)	NA	CH2M
	05/01/2013	NA	0.093	NA	CH2M
	08/06/2013	ND (1.0)	ND (0.079)	NA	CH2M
	11/08/2013	NA	0.09	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-12A	02/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	02/06/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	08/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	11/05/2014	NA	0.21	NA	CH2M
	02/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	05/04/2015	NA	ND (0.2)	NA	CH2M
	08/05/2015	ND (1.0)	ND (0.2)	NA	CH2M
	11/05/2015	NA	ND (0.2)	NA	Arcadis
	02/04/2016	NA	ND (0.2)	NA	Arcadis
<i>No. of Samples:</i> 46					
MW-12B	07/29/2011	46.9	47.6	NA	CH2M
	07/29/2011*	46.4	47	NA	CH2M
	05/02/2012	37	38	NA	CH2M
	08/07/2012	31	27	NA	CH2M
	11/07/2012	30	32	NA	CH2M
	02/07/2013	NA	35	NA	CH2M
	05/01/2013	NA	33	NA	CH2M
	08/06/2013	29	32	NA	CH2M
	11/08/2013	NA	26	NA	CH2M
	02/05/2014	NA	20	NA	CH2M
	05/07/2014	NA	15	NA	CH2M
	08/06/2014	13	12	NA	CH2M
	11/05/2014	NA	10	NA	CH2M
	02/06/2015	NA	8.7	NA	CH2M
	05/04/2015	NA	10	NA	CH2M
	08/05/2015	12	10	NA	CH2M
	11/05/2015	NA	11	NA	Arcadis
	02/04/2016	NA	13	NA	Arcadis
	07/18/2016	12	12	NA	Arcadis
	07/21/2017	13	14	NA	Arcadis
	10/19/2017	NA	11	NA	Arcadis
	03/06/2018	NA	5.6	NA	Arcadis
	07/17/2018	8.3	5.8	NA	Arcadis
	07/17/2019	4.8	4.7	NA	Arcadis
	07/13/2020	7.0	5.2	NA	Arcadis
<i>No. of Samples:</i> 25					
MW-13	03/08/2001	ND (20)	NA	NA	ALISTO
	05/23/2001	6.0	6.9	ND (10)	ALISTO
	10/05/2001	5.9	5.9	ND (10)	ALISTO
	12/12/2001	12	12	ND (10)	ALISTO
	02/14/2002	13.8	7.7	NA	CH2M
	05/16/2002	10.2	7.9	NA	CH2M
	08/16/2002	11.9	8.6	NA	CH2M
	11/11/2002	12.9	11.9	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-13	02/17/2003	13.4	11.2	NA	CH2M
	08/14/2003	15.7	13.9	NA	CH2M
	02/20/2004	17.1	12.8	NA	CH2M
	02/20/2004*	17.9	12.8	NA	CH2M
	08/25/2004	7.84	7.19	NA	CH2M
	08/25/2004*	9.42	7.17	NA	CH2M
	02/10/2005	10.2	8.39	NA	CH2M
	08/23/2005	9.89	11.7	NA	CH2M
	08/23/2005*	9.93	11.7	NA	CH2M
	02/15/2006	75.9	87	NA	CH2M
	02/15/2006*	79.3	80.8	NA	CH2M
	08/08/2006	12.7	NA	15.3	CH2M
	02/21/2007	10.8	11	NA	CH2M
	08/22/2007	13.3	13.8	NA	CH2M
	02/15/2008	9.37	10.3	NA	CH2M
	08/05/2008	9.15	9.62	NA	CH2M
	02/09/2009	18.2	19.9	NA	CH2M
	08/11/2009	32.9	35.4	NA	CH2M
	11/11/2009	12.5	11.8	NA	CH2M
	11/11/2009*	11.2	11.7	NA	CH2M
	02/11/2010	20.8	21	NA	CH2M
	05/11/2010	66.2	77	NA	CH2M
	05/11/2010*	65.5	77.5	NA	CH2M
	06/23/2010	54.9	57.8	NA	CH2M
	08/24/2010	27.5	32.2	NA	CH2M
	08/24/2010*	27.2	32.3	NA	CH2M
	10/26/2010	29	30.8	NA	CH2M
	10/26/2010*	30.3	30.3	NA	CH2M
	01/25/2011	35	39.3	NA	CH2M
	01/25/2011*	36.5	38.8	NA	CH2M
	04/29/2011	54	51.9	NA	CH2M
	07/28/2011	32.6	34.9	NA	CH2M
	11/07/2011	33	26.7	NA	CH2M
	11/07/2011*	32.2	30.9	NA	CH2M
	01/27/2012	50.8	49.7	NA	CH2M
	05/02/2012	43	41	NA	CH2M
	07/27/2012	82	83	NA	CH2M
	11/07/2012	67	72	NA	CH2M
	02/07/2013	96	110	NA	CH2M
	05/01/2013	72	72	NA	CH2M
	05/01/2013*	73	70	NA	CH2M
	08/06/2013	34	39	NA	CH2M
	11/08/2013	30	36	NA	CH2M
	02/06/2014	29	30	NA	CH2M
	05/07/2014	25	27	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-13	08/06/2014	23	22	NA	CH2M
	11/05/2014	20	21	NA	CH2M
	11/05/2014*	20	21	NA	CH2M
	02/06/2015	34	38	NA	CH2M
	05/04/2015	52	57	NA	CH2M
	08/05/2015	21	18	NA	CH2M
	11/05/2015	15	17	NA	Arcadis
	11/05/2015*	16	17	NA	Arcadis
	02/04/2016	24	25	NA	Arcadis
	02/04/2016*	25	26	NA	Arcadis
	07/18/2016	8.9	9.2	NA	Arcadis
	07/21/2017	2.7	2.6	NA	Arcadis
	07/18/2018	2.1	2.3	NA	Arcadis
	07/17/2019	1.3	1.6	NA	Arcadis
	07/13/2020	ND (1.0)	0.5	NA	Arcadis
No. of Samples:		68			
MW-14A	03/09/2001	15 J	NA	20	ALISTO
	05/23/2001	17	18	20	ALISTO
	08/15/2001	41	41.7	42	ALISTO
	10/03/2001	19	15	14	ALISTO
	10/03/2001*	26	26	24	ALISTO
	10/25/2001	18	16	17	ALISTO
	11/20/2001	18	21	17	ALISTO
	12/11/2001	26	16	18	ALISTO
	12/11/2001*	22	13	18	ALISTO
	01/23/2002	17.5	17.5	NA	CH2M
	02/11/2002	18.3	18	NA	CH2M
	03/26/2002	22.7	17.3	NA	CH2M
	03/26/2002*	24.6	17.2	NA	CH2M
	04/16/2002	20.9	17.3	NA	CH2M
	05/17/2002	16.7	15.8	NA	CH2M
	06/27/2002	19.6	19.9	NA	CH2M
	07/25/2002	21.9	18.8	NA	CH2M
	08/16/2002	23.7	18.6	NA	CH2M
	09/26/2002	24.7	21.4	NA	CH2M
	10/14/2002	25.4	2.1	NA	CH2M
	11/12/2002	24.5	23	NA	CH2M
	12/16/2002	22.9	21.4	NA	CH2M
	01/23/2003	21.3	2.0	NA	CH2M
	02/18/2003	21.6	20.6	NA	CH2M
	03/26/2003	21.2	22.4	NA	CH2M
	04/16/2003	22.1	20.5	NA	CH2M
	08/14/2003	23	21.4	NA	CH2M
	02/19/2004	26.6	21.4	NA	CH2M
	04/27/2004	23.3	22.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14A	06/15/2004	22.2	22.7	NA	CH2M
	08/25/2004	22.7	21	NA	CH2M
	10/14/2004	22.6	22	NA	CH2M
	12/08/2004	24.1	22.8	NA	CH2M
	02/11/2005	26.5	22	NA	CH2M
	04/14/2005	22.5	22.6	NA	CH2M
	06/06/2005	24.3	22.5	NA	CH2M
	08/24/2005	31.4	23.6	NA	CH2M
	10/13/2005	23.2	23.2	NA	CH2M
	12/07/2005	22.5	22.9	NA	CH2M
	02/15/2006	23.9	22.1	NA	CH2M
	04/18/2006	27.3	22.6	NA	CH2M
	06/13/2006	21.8	22.5	NA	CH2M
	08/11/2006	22.2	26	NA	CH2M
	08/11/2006*	21.1	25.7	NA	CH2M
	10/20/2006	33.3	35	NA	CH2M
	10/20/2006*	30.6	35.1	NA	CH2M
	12/08/2006	38.2	NA	38.1	CH2M
	12/08/2006*	36.9	NA	39.3	CH2M
	02/16/2007	25.7	28	NA	CH2M
	02/16/2007*	26.6	27.8	NA	CH2M
	04/19/2007	25.9	NA	30.1	CH2M
	04/19/2007*	27.4	NA	28.9	CH2M
	06/21/2007	26.7	NA	31.4	CH2M
	08/14/2007	28.3	28.2	NA	CH2M
	08/14/2007*	27.6	28.3	NA	CH2M
	10/17/2007	25	29.2	NA	CH2M
	10/17/2007*	25	29.4	NA	CH2M
	12/04/2007	26.7	27.9	NA	CH2M
	12/04/2007*	26.8	27.9	NA	CH2M
	02/15/2008	22.9	26.4	NA	CH2M
	02/15/2008*	23.2	26.4	NA	CH2M
	04/11/2008	22.6	26	NA	CH2M
	06/13/2008	25.8	24.9	NA	CH2M
	08/05/2008	23.4	24.7	NA	CH2M
	02/09/2009	24.9	27.6	NA	CH2M
	08/11/2009	23.8	25.2	NA	CH2M
	02/11/2010	55.2	59.3	NA	CH2M
	03/09/2010	29	30.3	NA	CH2M
	08/20/2010	49	55.2	NA	CH2M
	10/05/2010	52	57.6	NA	CH2M
	01/28/2011	44.2	45.9	NA	CH2M
	07/29/2011	26.4	30.6	NA	CH2M
	02/01/2012	15.9	13.5	NA	CH2M
	02/01/2012*	14.8	13.6	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14A	04/13/2012	11.6	11.6	NA	CH2M
	07/27/2012	9.2	9.5	NA	CH2M
	11/07/2012	7.9	8.5	NA	CH2M
	02/07/2013	7.1	8.3	NA	CH2M
	05/01/2013	NA	8.0	NA	CH2M
	08/06/2013	5.9	6.5	NA	CH2M
	08/06/2013*	5.9	6.5	NA	CH2M
	11/08/2013	NA	5.5	NA	CH2M
	02/05/2014	5.1	5.6	NA	CH2M
	05/07/2014	4.7	5.1	NA	CH2M
	08/06/2014	4.4	4.5	NA	CH2M
	11/05/2014	3.7	3.9	NA	CH2M
	02/06/2015	3.2	3.6	NA	CH2M
	05/04/2015	2.7	3.2	NA	CH2M
	05/04/2015*	2.9	3.3	NA	CH2M
	08/05/2015	3.2	3.1	NA	CH2M
	11/05/2015	2.2	2.3	NA	Arcadis
	02/04/2016	3.0	3.2	NA	Arcadis
	04/13/2016	2.7	2.9	NA	Arcadis
	07/19/2016	2.5	2.7	NA	Arcadis
	01/05/2017	2.7	2.9	NA	Arcadis
	07/21/2017	1.7	1.9	NA	Arcadis
	01/16/2018	2.4	2.6	NA	Arcadis
	08/07/2018	1.5	1.8	NA	Arcadis
	02/14/2019	1.9	1.9	NA	Arcadis
	08/05/2019	1.5	1.6	NA	Arcadis
	08/05/2019*	1.5	1.6	NA	Arcadis
	02/03/2020	1.9	1.9	NA	Arcadis
	08/04/2020	1.8	1.7	NA	Arcadis
	02/02/2021	6.1	6.3	NA	Arcadis
No. of Samples:		104			
MW-14B	03/09/2001	17 J	NA	NA	ALISTO
	05/23/2001	26	26.2	20	ALISTO
	10/03/2001	26	24	23	ALISTO
	12/11/2001	20	14	18	ALISTO
	02/12/2002	17.4	17.7	NA	CH2M
	02/12/2002*	17.4	16.9	NA	CH2M
	05/17/2002	21.4	23	NA	CH2M
	11/14/2002	18.5	17.1	NA	CH2M
	02/18/2003	16.2	14.4	NA	CH2M
	06/25/2003	18.2	14.8	NA	CH2M
	08/14/2003	18.3	15.7	NA	CH2M
	10/28/2003	18	15.1	NA	CH2M
	12/01/2003	27.6 J	14.8	NA	CH2M
	02/19/2004	22.8	15.3	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14B	08/25/2004	17.7	15.3	NA	CH2M
	02/11/2005	18.5	15.8	NA	CH2M
	08/24/2005	30.5	35.6	NA	CH2M
	02/15/2006	16.6	15.5	NA	CH2M
	08/11/2006	35.9	42.1	NA	CH2M
	02/16/2007	12.7	12.8	NA	CH2M
	08/14/2007	38.8	39.5	NA	CH2M
	02/15/2008	30	35.5	NA	CH2M
	08/05/2008	36.1	36.5	NA	CH2M
	08/11/2009	35.9	40.2	NA	CH2M
	08/20/2010	38.6	42.4	NA	CH2M
	07/29/2011	43.9	46.2	NA	CH2M
	12/12/2011	25.7	27.2	NA	CH2M
	02/01/2012	26	25.1	NA	CH2M
	04/13/2012	39.4	37.8	NA	CH2M
	07/18/2012	33.3	34.3	NA	CH2M
	10/15/2012	33.6	37.3	NA	CH2M
	10/15/2012*	32.1	37.2	NA	CH2M
	01/21/2013	33.6	35	NA	CH2M
	04/16/2013	28.8	30.2	NA	CH2M
	07/12/2013	19.2	19.1	NA	CH2M
	07/12/2013*	18.8	18.8	NA	CH2M
	10/17/2013	32.7	35.8	NA	CH2M
	01/15/2014	33.6	31.1	NA	CH2M
	07/18/2014	32	35	NA	CH2M
	01/07/2015	18	20	NA	CH2M
	07/16/2015	34	35	NA	CH2M
	10/19/2015	27	29	NA	Arcadis
	01/18/2016	31	30	NA	Arcadis
	07/19/2016	34	34	NA	Arcadis
	01/05/2017	26	27	NA	Arcadis
	07/21/2017	28	32	NA	Arcadis
	10/12/2017	29	30	NA	Arcadis
	04/13/2018	28	27	NA	Arcadis
	10/16/2018	31	30	NA	Arcadis
	04/10/2019	25	22	NA	Arcadis
	10/22/2019	24	23	NA	Arcadis
	04/17/2020	26	24	NA	Arcadis
	10/15/2020	32	27	NA	Arcadis
	10/15/2020*	32	27	NA	Arcadis
	04/13/2021	30	30	NA	Arcadis
No. of Samples:		55			
MW-14C	03/07/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14C	12/11/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	02/12/2002	1.1	ND (0.2)	NA	CH2M
	05/23/2002	ND (1.0)	ND (0.2)	NA	CH2M
	05/23/2002*	1.3	ND (0.2)	NA	CH2M
	08/21/2002	1.8	ND (0.2)	NA	CH2M
	11/12/2002	1.2	ND (0.2)	NA	CH2M
	02/18/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/19/2003	1.4	ND (0.2)	NA	CH2M
	02/20/2004	2.9	ND (0.2 J)	NA	CH2M
	08/25/2004	1.33	ND (0.2)	NA	CH2M
	02/11/2005	1.2	ND (0.2)	NA	CH2M
	08/24/2005	2.14	ND (0.2)	NA	CH2M
	02/22/2006	2.74	ND (0.2)	NA	CH2M
	02/16/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2007	1.64	ND (0.2)	NA	CH2M
	08/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2009*	ND (1.0)	ND (0.2)	NA	CH2M
	02/17/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2015	ND (1.0)	0.095	NA	CH2M
	07/16/2015*	ND (1.0)	0.065	NA	CH2M
	10/31/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		41			
MW-14S	12/12/2011	31.4	31.4	NA	CH2M
	02/01/2012	31.5	30	NA	CH2M
	04/13/2012	30.9	31.4	NA	CH2M
	07/27/2012	30	31	NA	CH2M
	11/07/2012	30	32	NA	CH2M
	02/07/2013	26	30	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14S	05/01/2013	30	30	NA	CH2M
	08/06/2013	29	31	NA	CH2M
	11/08/2013	27	30	NA	CH2M
	02/05/2014	28	29	NA	CH2M
	05/07/2014	27	30	NA	CH2M
	08/06/2014	29	29	NA	CH2M
	10/17/2014	28	29	NA	CH2M
	01/07/2015	26	29	NA	CH2M
	05/04/2015	26	29	NA	CH2M
	07/16/2015	28	29	NA	CH2M
	10/21/2015	24	26	NA	Arcadis
	01/18/2016	34	30	NA	Arcadis
No. of Samples:		18			
MW-15	03/07/2001	1,400	NA	1,510	ALISTO
	03/07/2001*	1,400	NA	1,330	ALISTO
	05/22/2001	1,200	1,290	1,130	ALISTO
	05/22/2001*	1,200	1,270	1,160	ALISTO
	09/26/2001	1,500	NA	1,400	ALISTO
	09/26/2001*	1,500	NA	1,400	ALISTO
	12/05/2001	1,600	NA	1,500	ALISTO
	12/05/2001*	1,600	NA	1,400	ALISTO
	08/12/2003	1,520	NA	1,690	CH2M
	02/04/2004	1,700	NA	NA	CH2M
	02/17/2004	1,720	NA	1,690	CH2M
	08/31/2004	2,090	NA	2,000	CH2M
	12/06/2004	1,770	1,830	NA	CH2M
	02/09/2005	1,660	NA	1,700	CH2M
	04/12/2005	820	873	NA	CH2M
	05/04/2005	900	884	NA	CH2M
	05/25/2005	469	450	NA	CH2M
	08/19/2005	2.64	NA	NA	CH2M
	02/21/2006	2.17	ND (0.2)	NA	CH2M
	08/17/2006	2.3	ND (0.2)	NA	CH2M
	08/17/2006*	1.29	ND (0.2)	NA	CH2M
	02/23/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/23/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	02/19/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	9.63	1.28	NA	CH2M
	02/09/2009	6.78	0.75	NA	CH2M
	03/30/2009	14.3	4.2	NA	Arcadis
	08/06/2009	14.3	3.72	NA	CH2M
	02/12/2010	160	144	NA	CH2M
	02/12/2010*	154	143	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-15	08/23/2010	191	194	NA	CH2M
	01/28/2011	330	350	NA	CH2M
	01/27/2012	442	414	NA	CH2M
	07/26/2012	136	130	NA	CH2M
	01/21/2013	1,060	1,060	NA	CH2M
	01/21/2013*	1,010	1,060	NA	CH2M
	07/12/2013	910	875	NA	CH2M
	01/15/2014	1,450	1,390	NA	CH2M
	01/15/2014*	1,490	1,420	NA	CH2M
	07/08/2014	1,800	1,700	NA	CH2M
	01/21/2015	2,100	1,800	NA	CH2M
	07/16/2015	1,500	1,500	NA	CH2M
	04/28/2017	NA	1,100	NA	Arcadis
	07/20/2017	680	660	NA	Arcadis
	07/20/2017*	640	660	NA	Arcadis
	10/27/2017	430	450	NA	Arcadis
	10/27/2017*	430	450	NA	Arcadis
	02/02/2018	1,100	1,100	NA	Arcadis
	05/03/2018	1,100	990	NA	Arcadis
	07/26/2018	1,400	1,400	NA	Arcadis
	07/26/2018*	1,300	1,300	NA	Arcadis
	10/25/2018	970	920	NA	Arcadis
	02/14/2019	610	610	NA	Arcadis
	05/08/2019	480	440	NA	Arcadis
	07/25/2019	220	230	NA	Arcadis
	10/24/2019	340	290	NA	Arcadis
	01/23/2020	160	160	NA	Arcadis
	04/22/2020	140	120	NA	Arcadis
	07/23/2020	160	130	NA	Arcadis
	10/22/2020	110	95	NA	Arcadis
	01/20/2021	110	110	NA	Arcadis
	04/22/2021	260	250	NA	Arcadis
No. of Samples:		64			
MW-16	03/09/2001	160	NA	NA	ALISTO
	05/24/2001	160	163	160	ALISTO
	09/26/2001	150	NA	NA	ALISTO
	12/05/2001	140	NA	NA	ALISTO
	02/13/2002	131	NA	146	CH2M
	05/22/2002	154	NA	142	CH2M
	08/21/2002	132	NA	136	CH2M
	11/12/2002	139	NA	128	CH2M
	02/18/2003	117	NA	126	CH2M
	08/14/2003	111	NA	100	CH2M
	02/18/2004	97.3	NA	97.1	CH2M
	08/30/2004	81	NA	86.4	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-16	02/10/2005	71.4	NA	75.1	CH2M
	08/19/2005	62.3	NA	63	CH2M
	02/20/2006	58.8	NA	60.3	CH2M
	08/16/2006	60.4	NA	56.1	CH2M
	02/21/2007	54.2	51.9	NA	CH2M
	02/21/2007*	59	59.5	NA	CH2M
	08/22/2007	49	51.6	NA	CH2M
	02/15/2008	43.7	NA	46.6	CH2M
	08/13/2008	42.5	44.4	NA	CH2M
	03/31/2009	36.9	39.3	NA	Arcadis
	08/12/2009	37.1	40.4	NA	CH2M
	11/11/2009	35	34	NA	CH2M
	02/10/2010	32.7	37.5	NA	CH2M
	03/23/2010	33.3	38	NA	Arcadis
	05/20/2010	40.8	42	NA	CH2M
	06/23/2010	41.6	43.6	NA	CH2M
	08/16/2010	38.2	44.8	NA	CH2M
	11/01/2010	29.2	32.7	NA	CH2M
	11/01/2010*	31.3	32.1	NA	CH2M
	01/31/2011	34.5	36.1	NA	CH2M
	04/27/2011	30	30	NA	CH2M
	07/26/2011	17	17	NA	CH2M
	11/07/2011	26.6	25.6	NA	CH2M
	11/07/2011*	24.8	25.7	NA	CH2M
	01/19/2012	21	21	NA	CH2M
	05/02/2012	25	26	NA	CH2M
	08/02/2012	30	32	NA	CH2M
	10/16/2012	21 J	21	NA	CH2M
	01/16/2013	34	35	NA	CH2M
	04/18/2013	16	20	NA	CH2M
	07/18/2013	19	19	NA	CH2M
	10/03/2013	NA	13	NA	CH2M
	12/09/2013	4.4	NA	NA	CH2M
	01/14/2014	2.7	2.8	NA	CH2M
	01/14/2014*	2.7	2.7	NA	CH2M
	04/11/2014	11	12	NA	CH2M
	07/21/2014	8.7	9.8	NA	CH2M
	10/13/2014	6.0	6.1	NA	CH2M
	01/07/2015	5.1	5.8	NA	CH2M
	04/14/2015	7.6	8.6	NA	CH2M
	07/21/2015	4.5	4.8	NA	CH2M
	07/21/2015*	4.4	4.8	NA	CH2M
	10/23/2015	5.0	5.7	NA	Arcadis
	01/18/2016	7.3	7.1	NA	Arcadis
	04/20/2016	9.3	9.5	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-16	07/20/2016	6.9	6.6	NA	Arcadis
	10/20/2016	6.3	6.0	NA	Arcadis
	10/20/2016*	6.1	6.0	NA	Arcadis
	01/12/2017	6.1	6.2	NA	Arcadis
	01/12/2017*	6.3	6.0	NA	Arcadis
	04/18/2017	6.0	6.2	NA	Arcadis
	07/27/2017	9.8	11	NA	Arcadis
	11/03/2017	9.7	11	NA	Arcadis
	01/25/2018	8.3	8.1	NA	Arcadis
	04/12/2018	6.6	6.8	NA	Arcadis
	07/18/2018	5.8	5.8	NA	Arcadis
	07/18/2018*	5.7	6.0	NA	Arcadis
	10/02/2018	4.5	4.4	NA	Arcadis
	01/11/2019	3.0	2.8	NA	Arcadis
	04/11/2019	2.5	2.6	NA	Arcadis
	04/11/2019*	2.7	2.6	NA	Arcadis
	07/12/2019	1.8	2.1	NA	Arcadis
	07/12/2019*	1.9	2.1	NA	Arcadis
	11/08/2019	3.3	2.9	NA	Arcadis
	12/03/2019	1.6	1.4	NA	Arcadis
	01/21/2020	1.3	1.4	NA	Arcadis
	04/17/2020	1.0	0.93	NA	Arcadis
	07/14/2020	ND (1.0)	0.69	NA	Arcadis
	07/14/2020*	ND (1.0)	0.69	NA	Arcadis
	10/20/2020	ND (1.0)	0.83	NA	Arcadis
	01/13/2021	ND (1.0)	0.65	NA	Arcadis
	04/12/2021	2.2	2.3	NA	Arcadis
No. of Samples:		84			
MW-17	03/08/2001	46	NA	56	ALISTO
	05/24/2001	45	46	45	ALISTO
	09/28/2001	42	NA	ND (10)	ALISTO
	12/07/2001	44	NA	46	ALISTO
	02/13/2002	39.7	NA	44	CH2M
	05/22/2002	72.3	NA	52	CH2M
	08/19/2002	38.8	NA	42.6	CH2M
	08/19/2002*	38.7	NA	44.8	CH2M
	11/11/2002	41.2	NA	44.8 J	CH2M
	02/17/2003	39.5	NA	41.9	CH2M
	06/23/2003	37.6	40.9	NA	CH2M
	08/15/2003	39.8	41.5	NA	CH2M
	10/29/2003	44.4	41.3	NA	CH2M
	12/01/2003	41 J	42.3	NA	CH2M
	02/20/2004	38.2	44.2	NA	CH2M
	04/27/2004	36	39.7	NA	CH2M
	06/15/2004	36.8	39.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-17	08/27/2004	41.9	38.3	NA	CH2M
	10/15/2004	36.8	39	NA	CH2M
	12/08/2004	42.6	39.7	NA	CH2M
	02/11/2005	41.3	39.8	NA	CH2M
	04/14/2005	39.1	NA	39.7	CH2M
	06/09/2005	36.9	NA	40.5	CH2M
	06/09/2005*	39	NA	40.5	CH2M
	08/24/2005	36.6	NA	42.7	CH2M
	10/14/2005	37.4	NA	36.4	CH2M
	12/09/2005	35.4	NA	31.6	CH2M
	02/21/2006	33.8	NA	35.1	CH2M
	08/08/2006	33.7	NA	38.3	CH2M
	02/21/2007	29.7	32	NA	CH2M
	08/21/2007	31.2	NA	32	CH2M
	08/21/2007*	31.8	NA	33.1	CH2M
	02/19/2008	28.1	31.3	NA	CH2M
	08/13/2008	18.2	18	NA	CH2M
	02/09/2009	21.7	26	NA	CH2M
	08/06/2009	29.6	31	NA	CH2M
	02/12/2010	55	56.6	NA	CH2M
	08/20/2010	104	115	NA	CH2M
	11/03/2010	110	113	NA	CH2M
	01/28/2011	135	145	NA	CH2M
	05/02/2011	164	159	NA	CH2M
	05/02/2011*	158	162	NA	CH2M
	07/29/2011	136	132	NA	CH2M
	11/07/2011	80.6	82.2	NA	CH2M
	01/27/2012	52.6	51.4	NA	CH2M
	04/25/2012	68.5	72.6	NA	CH2M
	07/26/2012	94.7	93.7	NA	CH2M
	10/16/2012	100	94.8	NA	CH2M
	01/16/2013	73	75	NA	CH2M
	04/18/2013	78	85	NA	CH2M
	08/02/2013	110	120	NA	CH2M
	10/08/2013	120	120	NA	CH2M
	01/13/2014	110	120	NA	CH2M
	04/04/2014	100	110	NA	CH2M
	04/04/2014*	100	110	NA	CH2M
	07/10/2014	99	110	NA	CH2M
	10/17/2014	130	130	NA	CH2M
	10/17/2014*	130	130	NA	CH2M
	01/08/2015	120	140	NA	CH2M
	04/14/2015	110	120	NA	CH2M
	07/21/2015	100	120	NA	CH2M
	10/20/2015	100	110	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-17	10/20/2015*	100	110	NA	Arcadis
	01/21/2016	NA	110	NA	Arcadis
	01/21/2016*	NA	110	NA	Arcadis
	04/20/2016	NA	120	NA	Arcadis
	07/20/2016	93	84	NA	Arcadis
	10/31/2016	110	98	NA	Arcadis
	01/18/2017	94	93	NA	Arcadis
	04/18/2017	100	99	NA	Arcadis
	07/24/2017	92	100	NA	Arcadis
	10/19/2017	140	140	NA	Arcadis
	01/23/2018	94	91	NA	Arcadis
	04/30/2018	35	37	NA	Arcadis
	07/18/2018	51	53	NA	Arcadis
	10/17/2018	59	56	NA	Arcadis
	10/17/2018*	58	56	NA	Arcadis
	01/14/2019	100	93	NA	Arcadis
	04/17/2019	32	33	NA	Arcadis
	07/11/2019	58	58	NA	Arcadis
	11/06/2019	76	76	NA	Arcadis
	01/21/2020	79	84	NA	Arcadis
	04/17/2020	99	100	NA	Arcadis
	07/24/2020	71	64	NA	Arcadis
	07/24/2020*	70	62	NA	Arcadis
	10/22/2020	130	120	NA	Arcadis
	10/22/2020*	130	120	NA	Arcadis
	01/04/2021	91	88	NA	Arcadis
	04/22/2021	57	59	NA	Arcadis
No. of Samples:		89			
MW-17D	08/02/2013	NA	0.24	NA	CH2M
	10/08/2013	NA	0.34	NA	CH2M
	01/13/2014	NA	0.3	NA	CH2M
	04/04/2014	NA	0.26	NA	CH2M
	07/10/2014	NA	0.38	NA	CH2M
	10/17/2014	NA	0.46	NA	CH2M
	01/08/2015	NA	0.4	NA	CH2M
	04/13/2015	NA	0.81	NA	CH2M
	07/22/2015	NA	0.99	NA	CH2M
	10/20/2015	NA	1.2	NA	Arcadis
	01/13/2016	NA	1.2	NA	Arcadis
	04/22/2016	NA	1.3	NA	Arcadis
	07/20/2016	1.6	1.2	NA	Arcadis
	01/06/2017	1.6	1.4	NA	Arcadis
	01/06/2017*	1.7	1.4	NA	Arcadis
	07/24/2017	1.3	1.2	NA	Arcadis
	01/23/2018	1.6	0.86	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-17D	07/18/2018	1.7	1.6	NA	Arcadis
	01/14/2019	1.4	1.1	NA	Arcadis
	07/11/2019	3.4	3.0	NA	Arcadis
	09/05/2019	2.9	2.4	NA	Arcadis
	01/20/2020	1.7	1.7	NA	Arcadis
	07/24/2020	2.8	0.86	NA	Arcadis
	01/04/2021	ND (1.0)	0.55	NA	Arcadis
No. of Samples: 24					
MW-18	03/09/2001	110	NA	110	ALISTO
	05/24/2001	100	107	97	ALISTO
	09/26/2001	98	NA	96	ALISTO
	12/13/2001	110	NA	96	ALISTO
	02/13/2002	105	NA	101	CH2M
	05/22/2002	145	NA	113	CH2M
	08/21/2002	145	NA	117	CH2M
	11/12/2002	284	NA	109	CH2M
	02/18/2003	111	NA	122	CH2M
	02/18/2003*	104	NA	122	CH2M
	06/24/2003	107	114	NA	CH2M
	08/19/2003	112	122	NA	CH2M
	08/19/2003*	113	122	NA	CH2M
	10/29/2003	115	114	NA	CH2M
	12/01/2003	125 J	126	NA	CH2M
	02/04/2004	110	NA	NA	CH2M
	02/17/2004	141	NA	115	CH2M
	02/17/2004*	117	NA	120	CH2M
	04/27/2004	107	109 J	NA	CH2M
	06/15/2004	114	108	NA	CH2M
	08/30/2004	106	NA	105	CH2M
	08/30/2004*	113	NA	106	CH2M
	10/15/2004	95.2	100	NA	CH2M
	12/08/2004	109	105	NA	CH2M
	02/11/2005	96.8	NA	92.1	CH2M
	02/11/2005*	96.7	NA	89.9	CH2M
	04/14/2005	84.3	NA	85.8	CH2M
	06/06/2005	75.1	NA	78	CH2M
	08/17/2005	75.4	NA	74.7	CH2M
	08/17/2005*	69.4	NA	71.5	CH2M
	10/14/2005	65.8	NA	64.9	CH2M
	12/09/2005	69.6	NA	67.8	CH2M
	12/09/2005*	64.8	NA	67.8	CH2M
	02/20/2006	85	NA	89.7	CH2M
	02/20/2006*	87.6	NA	88.7	CH2M
	04/18/2006	70.6	NA	69.7	CH2M
	06/13/2006	67.9	NA	74.9	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-18	06/22/2006	88.5	117 J	NA	CH2M
	08/08/2006	74.9	NA	83.3	CH2M
	08/08/2006*	71.6	NA	77	CH2M
	10/17/2006	86.9	NA	NA	Arcadis
	10/20/2006	65.7	NA	77.1	CH2M
	10/24/2006	68.4	82.7	NA	CH2M
	12/08/2006	76.1	NA	80.7	CH2M
	12/13/2006	89.6	NA	NA	Arcadis
	01/18/2007	97.8	129	NA	Arcadis
	02/16/2007	101	116 J	NA	Arcadis
	02/16/2007	96.3	89.5	NA	CH2M
	03/27/2007	86.6	139 J	NA	Arcadis
	04/16/2007	122	82.4	NA	Arcadis
	05/22/2007	92.5	81.9	NA	Arcadis
	06/12/2007	89.5	85	NA	Arcadis
	07/16/2007	82.7	77.2	NA	Arcadis
	08/09/2007	89.5	162	NA	Arcadis
	09/18/2007	75.4	67.4	NA	Arcadis
	10/18/2007	85.2	86.4	NA	Arcadis
	12/04/2007	76.4	NA	69.8	CH2M
	02/18/2008	61.9	NA	67.8	CH2M
	02/18/2008*	61.6	NA	68.9	CH2M
	04/11/2008	65.1	NA	63.1	CH2M
	06/13/2008	57.6	NA	53.9	CH2M
	08/12/2008	50.2	49.2	NA	CH2M
	11/04/2008	42.7	47.5	NA	CH2M
	11/04/2008*	42.4	47.5	NA	CH2M
	03/09/2010	61.8	61.2	NA	CH2M
	05/01/2012	61	64	NA	CH2M
	08/02/2012	41	41	NA	CH2M
	11/07/2012	56	60	NA	CH2M
	02/07/2013	NA	56	NA	CH2M
	05/01/2013	NA	40	NA	CH2M
	08/06/2013	NA	37	NA	CH2M
	11/08/2013	NA	40	NA	CH2M
	02/05/2014	NA	36	NA	CH2M
	02/05/2014*	NA	37	NA	CH2M
	05/07/2014	NA	35	NA	CH2M
	08/06/2014	NA	53	NA	CH2M
	11/05/2014	NA	43	NA	CH2M
	02/06/2015	NA	51	NA	CH2M
	05/08/2015	NA	46	NA	CH2M
	08/05/2015	NA	43	NA	CH2M
	11/05/2015	NA	28	NA	Arcadis
	02/04/2016	NA	26	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-18	07/20/2016	45	43	NA	Arcadis
	01/06/2017	44	41	NA	Arcadis
	04/18/2017	26	26	NA	Arcadis
	07/28/2017	45	45	NA	Arcadis
	10/19/2017	11	10	NA	Arcadis
	01/18/2018	16	16	NA	Arcadis
	07/19/2018	8.2	7.9	NA	Arcadis
	01/14/2019	3.2	2.8	NA	Arcadis
	07/11/2019	4.7	5.0	NA	Arcadis
	01/20/2020	2.2	2.0	NA	Arcadis
	07/15/2020	5.6	1.8	NA	Arcadis
	01/15/2021	6.5	6.2	NA	Arcadis
No. of Samples:		94			
MW-19	03/09/2001	62	NA	69	ALISTO
	05/24/2001	48	53	48	ALISTO
	09/26/2001	74	NA	71	ALISTO
	12/13/2001	79	NA	76	ALISTO
	02/14/2002	53.3	NA	62	CH2M
	02/14/2002*	53.5	NA	62	CH2M
	05/22/2002	66.7	65.4	NA	CH2M
	08/21/2002	74	NA	72.1	CH2M
	11/12/2002	64.4	NA	50	CH2M
	02/18/2003	57.7	NA	52.7	CH2M
	06/24/2003	52.4	53	NA	CH2M
	08/19/2003	49	53.4	NA	CH2M
	10/29/2003	52.1	48.7	NA	CH2M
	12/02/2003	54.4 J	47.5	NA	CH2M
	02/20/2004	47.5	51	NA	CH2M
	04/27/2004	39.6	41.1	NA	CH2M
	06/15/2004	38.7	41.8	NA	CH2M
	08/24/2004	38.7	37.2	NA	CH2M
	10/15/2004	35.4	35.2	NA	CH2M
	12/07/2004	38.9	36	NA	CH2M
	02/10/2005	32.3	31.5	NA	CH2M
	04/14/2005	28.7	NA	26.1	CH2M
	06/06/2005	27.3	NA	25.5	CH2M
	08/17/2005	22.9	23.4	NA	CH2M
	10/14/2005	20.9	NA	15.3	CH2M
	12/09/2005	18.1	NA	11.4	CH2M
	02/22/2006	22.6	18.8	NA	CH2M
	04/18/2006	23	19.4	NA	CH2M
	06/13/2006	19.6	18.4	NA	CH2M
	08/09/2006	20.5	21.9	NA	CH2M
	10/17/2006	18.8	20.3	NA	CH2M
	12/05/2006	18.3	20.5	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-19	02/13/2007	20.9	23.4	NA	CH2M
	04/09/2007	25.6	22.8	NA	CH2M
	06/18/2007	19.7	21.6	NA	CH2M
	08/16/2007	20.7	21.3	NA	CH2M
	10/15/2007	18.5	20.2	NA	CH2M
	12/07/2007	17.6	16.8	NA	CH2M
	02/14/2008	17.3	18.3	NA	CH2M
No. of Samples: 39					
MW-20	03/08/2001	1,100	NA	1,110	ALISTO
	05/24/2001	1,400	1,410	1,320	ALISTO
	09/27/2001	1,400	NA	1,400	ALISTO
	12/07/2001	1,500	NA	1,500	ALISTO
	02/13/2002	1,670	NA	1,600	CH2M
	05/22/2002	1,440	NA	1,640	CH2M
	08/20/2002	1,870	NA	1,610	CH2M
	11/11/2002	1,640	NA	1,620 J	CH2M
	02/17/2003	1,340	NA	1,710	CH2M
	08/12/2003	1,480	NA	1,620	CH2M
	08/12/2003*	1,490	NA	1,620	CH2M
	02/18/2004	1,980	NA	1,690	CH2M
	02/18/2004*	1,770	NA	1,680	CH2M
	08/31/2004	2,040	NA	1,530	CH2M
	08/31/2004*	2,260	NA	1,560	CH2M
	02/09/2005	1,280	NA	1,330	CH2M
	08/23/2005	1,350	NA	1,140	CH2M
	02/21/2006	1,700	NA	1,320	CH2M
	08/09/2006	1,370	NA	1,560 J	CH2M
	02/21/2007	1,340	1,540	NA	CH2M
	08/14/2007	1,460	NA	1,440	CH2M
	02/19/2008	1,350	NA	1,430	CH2M
	08/13/2008	1,330	NA	1,360	CH2M
	11/07/2008	1,430	NA	1,350	CH2M
	12/10/2008	1,250	1,510	NA	Arcadis
	02/03/2009	1,500	1,700	NA	CH2M
	03/06/2009	1,480	NA	1,440	CH2M
	05/14/2009	2,090	NA	1,440	CH2M
	08/06/2009	1,780	NA	1,480	CH2M
	11/17/2009	1,550	NA	1,120	CH2M
	02/12/2010	1,790	NA	1,710	CH2M
	03/09/2010	1,630	1,550	NA	CH2M
	05/11/2010	1,620	NA	1,560	CH2M
	08/23/2010	1,700	NA	1,780	CH2M
	10/12/2010	1,640	1,760	NA	CH2M
	10/27/2010	1,500	NA	1,650	CH2M
	01/26/2011	1,580	NA	1,580	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-20	05/02/2011	1,660	NA	1,790	CH2M
	06/28/2011	NA	1,500	NA	CH2M
	07/26/2011	1,700	1,500	NA	CH2M
	09/19/2011	770	NA	710	CH2M
	11/07/2011	681	682	NA	CH2M
	01/19/2012	760	730	NA	CH2M
	01/19/2012*	750	730	NA	CH2M
	05/11/2012	1,300	1,400	NA	CH2M
	08/02/2012	1,200	1,100	NA	CH2M
	10/16/2012	1,400	1,300	NA	CH2M
	01/16/2013	1,300	1,200	NA	CH2M
	04/18/2013	1,100	1,100	NA	CH2M
	07/18/2013	1,100	1,100	NA	CH2M
	01/14/2014	920	940	NA	CH2M
	04/11/2014	850	860	NA	CH2M
	07/21/2014	710	700	NA	CH2M
	07/21/2014*	720	700	NA	CH2M
	10/17/2014	630	590	NA	CH2M
	01/07/2015	530	540	NA	CH2M
	04/14/2015	450	450	NA	CH2M
	07/21/2015	470	420	NA	CH2M
	10/23/2015	460	450	NA	Arcadis
	02/04/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	05/05/2016	ND (1.0)	NA	NA	Arcadis
	07/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	08/11/2016	2.1	ND (0.2)	NA	Arcadis
	08/11/2016*	2.1	ND (0.2)	NA	Arcadis
	11/04/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/27/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/28/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/19/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/27/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/27/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	02/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	05/03/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/26/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/26/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2019	1.1	ND (0.2)	NA	Arcadis
	10/24/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2020*	ND (1.0)	ND (0.2)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-20	07/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/21/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		86			
MW-21A	03/11/2004	4.0	1.8	NA	CH2M
	03/11/2004*	3.8	2.0	NA	CH2M
	04/28/2004	3.5	1.8	NA	CH2M
	07/13/2004	2.8	1.6	NA	CH2M
	08/26/2004	4.59	1.22	NA	CH2M
	02/04/2005	3.56	1.83	NA	CH2M
	08/17/2005	3.4	3.87	NA	CH2M
	02/15/2006	4.66	1.38	NA	CH2M
	08/14/2006	3.34	3.06	NA	CH2M
	02/13/2007	2.18	1.9	NA	CH2M
	08/15/2007	2.32	2.19 J	NA	CH2M
	02/12/2008	2.77	1.69	NA	CH2M
	08/05/2008	3.08	3.37	NA	CH2M
	04/14/2014	1.8	1.9	NA	CH2M
	04/14/2014*	1.9	1.9	NA	CH2M
	07/17/2014	2.6	1.9	NA	CH2M
	07/17/2014*	2.5	1.9	NA	CH2M
	10/14/2014	2.1	1.9	NA	CH2M
	01/20/2015	2.3	2.3	NA	CH2M
	04/07/2015	1.8	1.6	NA	CH2M
	07/13/2015	1.5	1.8	NA	CH2M
	10/14/2015	2.4	2.7	NA	Arcadis
	01/14/2016	5.5	4.1	NA	Arcadis
	04/08/2016	3.5	3.3	NA	Arcadis
	07/12/2016	3.0	3.1	NA	Arcadis
	10/20/2016	2.9	2.9	NA	Arcadis
	01/04/2017	2.6	2.9	NA	Arcadis
	04/10/2017	2.6	2.4	NA	Arcadis
	07/13/2017	2.3	2.4	NA	Arcadis
	10/10/2017	2.2	2.0	NA	Arcadis
	01/09/2018	1.4	1.6	NA	Arcadis
	04/11/2018	1.6	1.5	NA	Arcadis
	07/11/2018	1.9	1.9	NA	Arcadis
	10/17/2018	1.9	1.9	NA	Arcadis
	01/09/2019	2.5	1.6	NA	Arcadis
	04/05/2019	1.4	1.4	NA	Arcadis
	07/10/2019	1.5	1.4	NA	Arcadis
	10/16/2019	1.2	1.0	NA	Arcadis
	01/08/2020	1.3	1.1	NA	Arcadis
	04/08/2020	1.3	1.1	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21A	07/06/2020	1.6	1.2	NA	Arcadis
	10/13/2020	1.8	1.2	NA	Arcadis
	01/19/2021	1.4	1.1	NA	Arcadis
	04/09/2021	2.0	1.3	NA	Arcadis
No. of Samples: 44					
MW-21B	07/25/2002	ND (1.0)	ND (0.2)	NA	CH2M
	07/25/2002*	1.8	ND (0.2)	NA	CH2M
	08/21/2002	1.7	ND (0.2)	NA	CH2M
	09/25/2002	2.9	ND (0.2)	NA	CH2M
	10/15/2002	1.4	ND (0.2)	NA	CH2M
	11/12/2002	1.1	ND (0.2)	NA	CH2M
	12/17/2002	1.0	ND (0.2)	NA	CH2M
	01/24/2003	1.6	ND (0.2)	NA	CH2M
	02/20/2003	2.5	ND (0.2)	NA	CH2M
	03/27/2003	2.6	ND (0.2)	NA	CH2M
	04/17/2003	1.2	ND (0.2)	NA	CH2M
	06/25/2003	1.4	ND (0.2)	NA	CH2M
	08/19/2003	1.4	ND (0.2)	NA	CH2M
	10/27/2003	2.1	ND (0.2)	NA	CH2M
	12/02/2003	5.1 J	ND (0.2)	NA	CH2M
	02/16/2004	3.2	ND (0.2)	NA	CH2M
	04/27/2004	1.7	ND (0.2)	NA	CH2M
	07/13/2004	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	1.46	ND (0.2)	NA	CH2M
	10/11/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/03/2005	3.7	0.29	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/11/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/17/2006	2.74	ND (0.2)	NA	CH2M
	04/17/2006*	2.95	ND (0.2)	NA	CH2M
	08/14/2006	ND (1.0)	0.222	NA	CH2M
	12/04/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/04/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/19/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/19/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/05/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/04/2009	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21B	05/14/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2011	ND (1.0)	ND (0.061)	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	03/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.069)	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.096)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:		69			
MW-21B1	03/11/2004	12.7	11.5	NA	CH2M
	04/28/2004	9.4	4.6	NA	CH2M
	06/14/2004	7.6	6.2	NA	CH2M
	06/14/2004*	7.2	6.2	NA	CH2M
	07/14/2004	6.4	5.8	NA	CH2M
	07/14/2004*	6.1	5.9	NA	CH2M
	08/27/2004	6.96	5.37	NA	CH2M
	10/11/2004	6.3	5.4	NA	CH2M
	12/07/2004	7.38	5.22	NA	CH2M
	02/03/2005	5.59	5.18	NA	CH2M
	04/12/2005	7.57	6.97	NA	CH2M
	06/08/2005	7.14	5.05	NA	CH2M
	08/16/2005	23.3	23.6	NA	CH2M
	10/11/2005	37	37.9	NA	CH2M
	12/09/2005	29.8	NA	25.3	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21B1	02/14/2006	23	23.9	NA	CH2M
	04/17/2006	18	NA	13	CH2M
	06/12/2006	17.9	13.7	NA	CH2M
	08/14/2006	13.5	15	NA	CH2M
	10/17/2006	8.23	9.98	NA	CH2M
	12/04/2006	8.3	9.71	NA	CH2M
	02/13/2007	5.57	6.19	NA	CH2M
	04/09/2007	6.01	5.23	NA	CH2M
	06/18/2007	5.44	5.75	NA	CH2M
	06/18/2007*	5.85	5.8	NA	CH2M
	08/15/2007	4.12	3.93	NA	CH2M
	10/16/2007	5.04	5.39	NA	CH2M
	12/06/2007	6.43	6.05	NA	CH2M
	02/13/2008	4.26	3.43	NA	CH2M
	04/10/2008	5.9	6.08	NA	CH2M
	06/10/2008	2.51	2.72	NA	CH2M
	08/07/2008	2.87	3.11	NA	CH2M
	11/05/2008	4.85	5.38	NA	CH2M
	02/04/2009	3.84	3.56	NA	CH2M
	05/14/2009	3.34	2.5	NA	CH2M
	08/10/2009	2.58	2.7	NA	CH2M
	11/10/2009	5.26	5.4	NA	CH2M
	02/09/2010	4.91	4.52	NA	CH2M
	05/12/2010	3.6	3.0	NA	CH2M
	05/12/2010*	3.2	3.1	NA	CH2M
	08/19/2010	5.7	6.7	NA	CH2M
	08/19/2010*	5.7	6.6	NA	CH2M
	10/27/2010	5.6	5.1	NA	CH2M
	10/27/2010*	5.0	5.0	NA	CH2M
	01/26/2011	4.0	4.1	NA	CH2M
	01/26/2011*	4.8	4.1	NA	CH2M
	05/05/2011	6.0	5.9	NA	CH2M
	07/28/2011	6.4	5.8	NA	CH2M
	11/02/2011	4.7	4.3	NA	CH2M
	01/16/2012	8.3	8.3	NA	CH2M
	03/09/2012	9.4	8.8	NA	CH2M
	04/09/2012	8.8	8.9	NA	CH2M
	04/09/2012*	8.8	8.4	NA	CH2M
	07/23/2012	5.6	5.3	NA	CH2M
	10/17/2012	5.9	6.0	NA	CH2M
	01/22/2013	7.8	8.3	NA	CH2M
	04/15/2013	8.5	8.1	NA	CH2M
	07/30/2013	13.5	12.2	NA	CH2M
	10/15/2013	9.6	9.3	NA	CH2M
	01/21/2014	10.2	10.2	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21B1	04/14/2014	12	12	NA	CH2M
	07/17/2014	8.5	7.6	NA	CH2M
	10/14/2014	6.4	6.9	NA	CH2M
	01/20/2015	27	27	NA	CH2M
	04/07/2015	11	11	NA	CH2M
	07/13/2015	8.2	8.9	NA	CH2M
	10/14/2015	7.1	8.0	NA	Arcadis
	01/14/2016	12	12	NA	Arcadis
	04/08/2016	12	11	NA	Arcadis
	07/12/2016	9.4	9.3	NA	Arcadis
	10/20/2016	9.5	9.4	NA	Arcadis
	01/04/2017	10	11	NA	Arcadis
	04/10/2017	7.1	6.9	NA	Arcadis
	07/13/2017	6.4	7.0	NA	Arcadis
	10/10/2017	6.9	6.7	NA	Arcadis
	01/09/2018	6.6	6.7	NA	Arcadis
	04/11/2018	6.4	6.4	NA	Arcadis
	07/11/2018	5.7	6.0	NA	Arcadis
	10/17/2018	5.9	6.0	NA	Arcadis
	01/09/2019	6.7	5.0	NA	Arcadis
	04/05/2019	4.8	5.2	NA	Arcadis
	07/10/2019	5.6	6.0	NA	Arcadis
	10/16/2019	5.4	5.0	NA	Arcadis
	01/08/2020	4.9	5.1	NA	Arcadis
	04/08/2020	5.1	4.9	NA	Arcadis
	07/06/2020	5.5	4.6	NA	Arcadis
	10/13/2020	4.8	4.4	NA	Arcadis
	01/19/2021	4.8	4.9	NA	Arcadis
	04/09/2021	5.0	4.0	NA	Arcadis
No. of Samples:		89			
MW-21C	07/25/2002	1.4	ND (0.2)	NA	CH2M
	08/21/2002	ND (1.0)	ND (0.2)	NA	CH2M
	09/24/2002	2.2	2.3	NA	CH2M
	10/15/2002	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2002*	1.1	ND (0.2)	NA	CH2M
	11/12/2002	55.7	ND (0.2)	NA	CH2M
	12/17/2002	ND (1.0)	ND (0.2)	NA	CH2M
	12/17/2002*	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2003	1.3	ND (0.2)	NA	CH2M
	02/20/2003	1.9	ND (0.2)	NA	CH2M
	03/27/2003	2.2	ND (0.2)	NA	CH2M
	04/17/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2003*	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2003	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21C	12/02/2003	3.6 J	ND (0.2)	NA	CH2M
	02/20/2004	1.6	ND (0.2)	NA	CH2M
	02/20/2004*	1.1	ND (0.2)	NA	CH2M
	04/27/2004	ND (1.0)	ND (0.2)	NA	CH2M
	06/14/2004	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/13/2004	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2004	2.51	0.201	NA	CH2M
	02/04/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	1.39	ND (0.2)	NA	CH2M
	08/18/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2005	ND (1.0)	ND (0.2)	NA	CH2M
	12/07/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	06/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2013	ND (1.0)	0.15	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.18)	NA	CH2M
	04/08/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2021	1.1	ND (0.2)	NA	Arcadis
No. of Samples: 57					
MW-2-2	03/07/2001	86	NA	82	ALISTO
	05/22/2001	54	68	54	ALISTO

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-2-2	09/26/2001	430	NA	400	ALISTO
	12/05/2001	350	NA	340	ALISTO
	08/13/2003	274	NA	260	CH2M
	02/17/2004	426	NA	404	CH2M
	08/31/2004	315	NA	237	CH2M
	02/09/2005	196	NA	208	CH2M
No. of Samples: 8					
MW-221S	06/08/2018	4.6	4.4	NA	Arcadis
	07/25/2018	5.8	4.5	NA	Arcadis
	09/06/2018	5.4	5.0	NA	Arcadis
	10/01/2018	5.3	4.9	NA	Arcadis
	01/15/2019	5.0	4.2	NA	Arcadis
	04/10/2019	5.7	5.4	NA	Arcadis
	07/16/2019	5.2	5.5	NA	Arcadis
	10/11/2019	6.2	5.3	NA	Arcadis
	01/15/2020	5.3	5.4	NA	Arcadis
	04/24/2020	5.8	5.5	NA	Arcadis
	07/08/2020	5.7	5.1	NA	Arcadis
	10/12/2020	6.1	5.4	NA	Arcadis
	01/21/2021	5.2	5.0	NA	Arcadis
	04/08/2021	5.2	5.1	NA	Arcadis
No. of Samples: 14					
MW-226D	11/08/2018	ND (1.0)	0.32	NA	Arcadis
	01/15/2019	ND (1.0)	0.47	NA	Arcadis
	01/15/2019*	ND (1.0)	0.45	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2019	1.2	ND (0.2)	NA	Arcadis
	04/06/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 8					
MW-226S	11/08/2018	2.5	2.4	NA	Arcadis
	01/15/2019	2.8	2.2	NA	Arcadis
	04/03/2019	3.0	2.7	NA	Arcadis
	04/03/2019*	2.5	2.7	NA	Arcadis
	07/09/2019	2.8	2.8	NA	Arcadis
	10/14/2019	3.3	2.5	NA	Arcadis
	12/05/2019	2.5	2.8	NA	Arcadis
	04/06/2020	2.8	2.5	NA	Arcadis
	10/08/2020	3.4	2.7	NA	Arcadis
	12/03/2020	3.3	2.7	NA	Arcadis
	04/07/2021	3.1	2.8	NA	Arcadis
No. of Samples: 11					
MW-22A1	12/20/2002	8.3	2.0	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-22A1	02/25/2003	5.8	1.9	NA	CH2M
No. of Samples: 2					
MW-22A2	12/20/2002	10.4	2.5	NA	CH2M
	02/25/2003	6.9	2.8	NA	CH2M
	06/23/2003	7.4	3.1	NA	CH2M
	08/08/2003	6.0	3.3	NA	CH2M
	02/19/2004	10.9	3.5	NA	CH2M
	02/19/2004*	11.1	3.3	NA	CH2M
	08/26/2004	7.14	3.18	NA	CH2M
	08/26/2004*	7.51	3.19	NA	CH2M
	02/07/2005	7.49	3.48	NA	CH2M
	02/07/2005*	8.31	3.56	NA	CH2M
	08/17/2005	3.5	3.17	NA	CH2M
	08/17/2005*	3.68	3.16	NA	CH2M
	02/23/2006	7.21	2.99	NA	CH2M
	02/23/2006*	6.64	2.99	NA	CH2M
	08/09/2006	2.4	2.53	NA	CH2M
	02/13/2007	2.92	3.0	NA	CH2M
	08/15/2007	2.77	3.06	NA	CH2M
	02/12/2008	4.82	3.06	NA	CH2M
	02/12/2008*	3.15	2.98	NA	CH2M
	08/06/2008	3.47	3.12	NA	CH2M
	12/05/2011	4.1	3.9	NA	CH2M
	01/27/2012	3.8	3.6	NA	CH2M
	04/25/2012	3.7	3.7	NA	CH2M
	07/26/2012	4.5	3.9	NA	CH2M
	07/26/2012*	4.5	3.9	NA	CH2M
	10/11/2012	3.8	3.6	NA	CH2M
	01/17/2013	4.7	4.3	NA	CH2M
	04/08/2013	5.0	3.9	NA	CH2M
	04/08/2013*	5.3	4.0	NA	CH2M
	07/12/2013	3.6	2.6	NA	CH2M
	10/14/2013	3.9	4.0	NA	CH2M
	01/14/2014	4.9	4.0	NA	CH2M
No. of Samples: 32					
MW-22B	12/20/2002	22.4	14.2	NA	CH2M
	02/26/2003	20.9	17.8 J	NA	CH2M
	02/26/2003*	21.6	18.3	NA	CH2M
	04/17/2003	21.6	15.6	NA	CH2M
	04/17/2003*	19.3	15.2	NA	CH2M
	06/24/2003	18.6	14.6	NA	CH2M
	08/13/2003	14.8	13.4	NA	CH2M
	10/29/2003	20.8	13.5	NA	CH2M
	12/01/2003	22.9 J	12.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-22B	02/16/2004	15.9	11.7	NA	CH2M
	04/29/2004	12.2	11.2	NA	CH2M
	06/14/2004	14.2	13	NA	CH2M
	08/24/2004	13.3	10.7	NA	CH2M
	10/14/2004	11.4	10.7	NA	CH2M
	12/07/2004	12.8	9.85	NA	CH2M
	02/07/2005	14.6	13	NA	CH2M
	05/04/2005	10.9	10.4	NA	CH2M
	05/04/2005*	10.5	10.5	NA	CH2M
	06/06/2005	11.7	10	NA	CH2M
	06/06/2005*	11.7	10	NA	CH2M
	08/18/2005	17.7	17.7	NA	CH2M
	10/12/2005	22.7	20.3	NA	CH2M
	10/12/2005*	27.6	20.4	NA	CH2M
	12/06/2005	21.8	20.4	NA	CH2M
	12/06/2005*	20.9	19.7	NA	CH2M
	02/15/2006	21.6	16.4	NA	CH2M
	08/09/2006	11.8	13.4	NA	CH2M
	08/09/2006*	11.3	13.5	NA	CH2M
	10/17/2006	14.1	14.4	NA	CH2M
	10/17/2006*	12.8	14.6	NA	CH2M
	12/05/2006	10.8	13	NA	CH2M
	02/13/2007	11.9	12.6	NA	CH2M
	02/13/2007*	12.3	12.6	NA	CH2M
	08/15/2007	10.3	11.4	NA	CH2M
	02/12/2008	10.2	10.8	NA	CH2M
	08/06/2008	10.6	10.7	NA	CH2M
	08/06/2008*	10.4	10.8	NA	CH2M
	12/12/2011	20.2	21.4	NA	CH2M
	01/27/2012	16.1	15.2	NA	CH2M
	04/25/2012	16.8	16.9	NA	CH2M
	07/26/2012	32.4	30.1	NA	CH2M
	10/11/2012	30.7	32.7	NA	CH2M
	01/17/2013	35.3	34.1	NA	CH2M
	04/08/2013	36.3	36.8	NA	CH2M
	07/12/2013	35.4	34.3	NA	CH2M
	10/15/2013	33.3	33.3	NA	CH2M
	01/14/2014	35	32.3	NA	CH2M
	01/14/2014*	38.4	32.2	NA	CH2M
	07/25/2014	29	29	NA	CH2M
	01/15/2015	24	26	NA	CH2M
	07/13/2015	19	20	NA	CH2M
	01/14/2016	25	24	NA	Arcadis
	07/18/2016	18	18	NA	Arcadis
	01/05/2017	19	19	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-22B	07/20/2017	15	17	NA	Arcadis
	10/17/2017	16	16	NA	Arcadis
	10/17/2017*	15	16	NA	Arcadis
	04/17/2018	11	12	NA	Arcadis
	10/01/2018	11	11	NA	Arcadis
	04/10/2019	8.6	8.6	NA	Arcadis
	10/18/2019	7.9	8.1	NA	Arcadis
	04/13/2020	7.1	7.5	NA	Arcadis
	10/15/2020	7.3	7.1	NA	Arcadis
	04/12/2021	8.1	8.5	NA	Arcadis
No. of Samples: 64					
MW-2-3	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/23/2001	6.4	7.3	ND (10)	ALISTO
	09/27/2001	9.8	7.1	ND (10)	ALISTO
	12/07/2001	11	14	ND (10)	ALISTO
	02/08/2002	20.5 J	12.4	NA	CH2M
	02/08/2002*	12.9 J	12.3	NA	CH2M
	05/22/2002	22	23.9	NA	CH2M
	08/19/2002	32.2	33.2	NA	CH2M
	11/12/2002	55.6	53.7	NA	CH2M
	11/12/2002*	55.4	53.9	NA	CH2M
	02/18/2003	108	112	NA	CH2M
	08/14/2003	219	188	NA	CH2M
	02/20/2004	410	440	NA	CH2M
	08/30/2004	439	406	NA	CH2M
	02/11/2005	418	476	NA	CH2M
No. of Samples: 15					
MW-23A	01/24/2003	1.8	0.61	NA	CH2M
	02/24/2003	2.6	1.0	NA	CH2M
No. of Samples: 2					
MW-23B	01/24/2003	55.6	54.6	NA	CH2M
	02/24/2003	63.1	60.7	NA	CH2M
	04/17/2003	68.8	63.5	NA	CH2M
	06/24/2003	63.1	64.9	NA	CH2M
	08/13/2003	62.2	63.4	NA	CH2M
	10/29/2003	64.9	61	NA	CH2M
	12/01/2003	62.5 J	62.3	NA	CH2M
	02/16/2004	55.2	49.3	NA	CH2M
	04/28/2004	50.1	48.9	NA	CH2M
	06/14/2004	44.9	45.5	NA	CH2M
	08/24/2004	54.1	45.4	NA	CH2M
	10/14/2004	43.4	43.5	NA	CH2M
	12/07/2004	44.7	44.5	NA	CH2M
	02/07/2005	46.9	52.8	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-23B	04/13/2005	46.8	NA	43.9	CH2M
	06/06/2005	46.4	NA	44.8	CH2M
	08/16/2005	44.9	NA	44.8	CH2M
	10/13/2005	39.3	NA	34.3	CH2M
	12/08/2005	37.2	39.3	NA	CH2M
	02/14/2006	36.3	NA	34	CH2M
	04/18/2006	38.3	NA	37.2	CH2M
	06/13/2006	40.3	NA	39.3	CH2M
	08/09/2006	37.3	NA	43.5	CH2M
	10/17/2006	35.5	NA	39.3	CH2M
	12/05/2006	36.2	NA	41.7	CH2M
	02/22/2007	25.6	29	NA	CH2M
	02/22/2007*	25.2	29	NA	CH2M
	04/09/2007	31.2	NA	28.9	CH2M
	06/18/2007	28.9	NA	28.9	CH2M
	08/15/2007	30.8	NA	40	CH2M
	10/15/2007	34.6	NA	42.3	CH2M
	12/07/2007	28	NA	31.6	CH2M
	02/12/2008	29.1	29.7	NA	CH2M
	04/10/2008	28.5	30.7	NA	CH2M
	06/11/2008	30.6	31.4	NA	CH2M
	08/05/2008	30.7	32.6	NA	CH2M
	11/06/2008	30.9	34.3	NA	CH2M
	02/05/2009	29.8	32.6	NA	CH2M
	05/14/2009	35.2	34.7	NA	CH2M
	08/05/2009	38.3	39.2	NA	CH2M
	11/17/2009	40	40.7	NA	CH2M
	11/17/2009*	40.2	39.8	NA	CH2M
	02/16/2010	39.2	45.5	NA	CH2M
	02/16/2010*	38.4	42.5	NA	CH2M
	03/09/2010	35.3	36.4	NA	CH2M
	05/11/2010	39	43.9	NA	CH2M
	05/11/2010*	39.2	44	NA	CH2M
	06/23/2010	45.9	48.8	NA	CH2M
	08/03/2010	44.8	54.1	NA	CH2M
	08/03/2010*	46.6	49.2	NA	CH2M
	10/26/2010	40.1	42.3	NA	CH2M
	10/26/2010*	41.2	42.4	NA	CH2M
	01/25/2011	49	51.7	NA	CH2M
	01/25/2011*	48.6	51.8	NA	CH2M
	05/03/2011	56.2	52.8	NA	CH2M
	07/29/2011	43.5	42.6	NA	CH2M
	11/07/2011	44.4	42.2	NA	CH2M
	01/30/2012	53	48.4	NA	CH2M
	04/17/2012	51	49.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-23B	04/17/2012*	52.7	50	NA	CH2M
	07/26/2012	50.6	47.5	NA	CH2M
	10/11/2012	46.6	48.7	NA	CH2M
	01/17/2013	47.5	48.6	NA	CH2M
	04/08/2013	48.2	49.8	NA	CH2M
	07/12/2013	52.4	48.7	NA	CH2M
	10/14/2013	48.5	49.3	NA	CH2M
	01/14/2014	53.3	48.4	NA	CH2M
	04/11/2014	48	50	NA	CH2M
	07/25/2014	47	44	NA	CH2M
	10/14/2014	37	39	NA	CH2M
	01/15/2015	42	46	NA	CH2M
	04/08/2015	34	35	NA	CH2M
	07/13/2015	20	22	NA	CH2M
	10/21/2015	17	19	NA	Arcadis
	01/14/2016	17	17	NA	Arcadis
	04/12/2016	11	11	NA	Arcadis
	07/18/2016	9.4	9.0	NA	Arcadis
	10/20/2016	8.4	8.2	NA	Arcadis
	01/05/2017	6.6	7.0	NA	Arcadis
	04/17/2017	5.8	6.4	NA	Arcadis
	07/20/2017	4.3	4.7	NA	Arcadis
	10/17/2017	3.8	3.8	NA	Arcadis
	01/10/2018	4.2	4.1	NA	Arcadis
	04/17/2018	2.7	2.7	NA	Arcadis
	07/12/2018	2.7	3.0	NA	Arcadis
	10/01/2018	3.0	3.0	NA	Arcadis
	01/09/2019	4.6	4.6	NA	Arcadis
	04/05/2019	9.7	10	NA	Arcadis
	07/10/2019	4.4	4.6	NA	Arcadis
	10/24/2019	3.4	3.3	NA	Arcadis
	01/16/2020	3.8	4.1	NA	Arcadis
	04/13/2020	4.3	4.2	NA	Arcadis
	07/08/2020	3.7	3.5	NA	Arcadis
	10/15/2020	3.8	3.8	NA	Arcadis
	01/19/2021	3.5	3.7	NA	Arcadis
	04/14/2021	3.4	3.5	NA	Arcadis
No. of Samples:		96			
MW-23C	01/24/2003	1.1	0.32	NA	CH2M
	02/24/2003	1.2	0.25	NA	CH2M
	06/23/2003	1.2	0.39	NA	CH2M
	08/08/2003	1.0	0.35	NA	CH2M
	02/19/2004	2.4	ND (0.2)	NA	CH2M
	08/26/2004	1.65	0.332	NA	CH2M
	02/07/2005	1.6	0.4	NA	CH2M

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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-23C	08/17/2005	ND (1.0)	0.498	NA	CH2M
	02/16/2006	4.36	0.579	NA	CH2M
	08/09/2006	ND (1.0)	0.841	NA	CH2M
	02/13/2007	2.08	1.94	NA	CH2M
	08/15/2007	3.9	4.59	NA	CH2M
	10/16/2007	5.15	4.27	NA	CH2M
	10/16/2007*	4.87	4.24	NA	CH2M
	12/07/2007	7.02	6.69	NA	CH2M
	12/07/2007*	6.77	6.87	NA	CH2M
	02/12/2008	8.46	7.63	NA	CH2M
	04/10/2008	8.95	8.5	NA	CH2M
	06/11/2008	7.77	5.39	NA	CH2M
	08/05/2008	7.65	8.06	NA	CH2M
	11/06/2008	5.92	6.78	NA	CH2M
	02/05/2009	9.02	8.71	NA	CH2M
	02/05/2009*	8.76	8.59	NA	CH2M
	05/14/2009	8.77	8.19	NA	CH2M
	08/05/2009	11.6	10.6	NA	CH2M
	11/17/2009	12.1	12.3	NA	CH2M
	02/16/2010	12.9	15.2	NA	CH2M
	05/11/2010	16.7	18.8	NA	CH2M
	08/03/2010	19.8	22.2	NA	CH2M
	10/26/2010	20.7	20.5	NA	CH2M
	01/25/2011	19.3	21.8	NA	CH2M
	05/03/2011	23.1	21.4	NA	CH2M
	07/29/2011	20.9	20.9	NA	CH2M
	11/07/2011	23.3	23.8	NA	CH2M
	01/30/2012	23.9	19	NA	CH2M
	04/17/2012	26.2	23.4	NA	CH2M
	07/26/2012	23.9	22.6	NA	CH2M
	10/11/2012	22.7	20.9	NA	CH2M
	01/17/2013	21.5	21.5	NA	CH2M
	01/17/2013*	22.4	21.5	NA	CH2M
	04/08/2013	20.8	20.7	NA	CH2M
	07/12/2013	20.2	18.9	NA	CH2M
	10/14/2013	17.6	19.2	NA	CH2M
	01/14/2014	20	18.4	NA	CH2M
	04/11/2014	17	17	NA	CH2M
	07/25/2014	17	16	NA	CH2M
	10/14/2014	15	16	NA	CH2M
	01/15/2015	14	16	NA	CH2M
	01/15/2015*	14	16	NA	CH2M
	04/08/2015	14	14	NA	CH2M
	07/13/2015	11	12	NA	CH2M
	10/21/2015	9.4	10	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-23C	01/14/2016	9.5	9.0	NA	Arcadis
	04/11/2016	7.1	7.5	NA	Arcadis
	04/11/2016*	7.4	7.5	NA	Arcadis
	07/18/2016	7.1	6.5	NA	Arcadis
	10/20/2016	5.5	5.6	NA	Arcadis
	01/05/2017	4.8	5.0	NA	Arcadis
	04/17/2017	4.0	4.1	NA	Arcadis
	07/20/2017	3.4	3.4	NA	Arcadis
	10/17/2017	2.8	2.9	NA	Arcadis
	01/10/2018	2.4	2.2	NA	Arcadis
	01/10/2018*	2.4	2.2	NA	Arcadis
	04/17/2018	1.9	1.9	NA	Arcadis
	07/12/2018	1.5	1.6	NA	Arcadis
	10/01/2018	1.5	1.3	NA	Arcadis
	04/10/2019	ND (1.0)	0.87	NA	Arcadis
	10/24/2019	ND (1.0)	0.64	NA	Arcadis
	04/13/2020	ND (1.0)	0.5	NA	Arcadis
	10/15/2020	ND (1.0)	0.39	NA	Arcadis
	04/14/2021	ND (1.0)	0.36	NA	Arcadis
No. of Samples: 71					
MW-2-4	03/07/2001	73	NA	NA	ALISTO
	05/25/2001	170	132	150	ALISTO
	09/27/2001	210	NA	NA	ALISTO
	12/07/2001	150	NA	NA	ALISTO
	02/12/2002	151	NA	136	CH2M
	05/21/2002	177	NA	156	CH2M
	08/20/2002	137	NA	144	CH2M
	11/11/2002	155	NA	140 J	CH2M
	02/17/2003	119	NA	133	CH2M
	08/12/2003	131	NA	129	CH2M
	02/18/2004	146	NA	136	CH2M
	08/31/2004	152	NA	129	CH2M
	02/09/2005	115	NA	121	CH2M
No. of Samples: 13					
MW-24A1	12/30/2002	7.1	2.7	NA	CH2M
	02/25/2003	5.4	3.1	NA	CH2M
No. of Samples: 2					
MW-24A2	12/30/2002	12.1	3.1	NA	CH2M
	02/25/2003	6.4	3.2	NA	CH2M
	06/23/2003	8.2	3.7	NA	CH2M
	08/08/2003	4.8	4.1	NA	CH2M
	02/19/2004	9.6	3.5	NA	CH2M
	08/26/2004	6.85	3.16	NA	CH2M
	02/07/2005	7.17	3.87	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-24A2	08/17/2005	4.9	4.84	NA	CH2M
	02/16/2006	7.73	5.62	NA	CH2M
	08/09/2006	6.08	7.02	NA	CH2M
	02/13/2007	6.01	6.33	NA	CH2M
	08/15/2007	5.0	5.5	NA	CH2M
	08/15/2007*	4.94	5.56	NA	CH2M
	02/12/2008	5.46	5.05	NA	CH2M
	08/11/2008	4.31	4.38	NA	CH2M
	08/05/2009	4.06	3.23	NA	CH2M
	08/05/2009*	3.95	3.19	NA	CH2M
	08/03/2010	2.9	2.8	NA	CH2M
	07/29/2011	2.8	2.3	NA	CH2M
	12/05/2011	3.3	3.1	NA	CH2M
	01/30/2012	3.9	3.3	NA	CH2M
	04/25/2012	3.3	3.1	NA	CH2M
	07/26/2012	3.2	2.8	NA	CH2M
	10/11/2012	3.1	3.0	NA	CH2M
	10/11/2012*	3.3	3.0	NA	CH2M
	01/17/2013	3.2	3.1	NA	CH2M
	04/08/2013	3.0	2.7	NA	CH2M
	07/12/2013	2.8	2.5	NA	CH2M
	10/14/2013	3.0	3.1	NA	CH2M
	01/14/2014	3.2	2.8	NA	CH2M
	07/25/2014	4.0	2.8	NA	CH2M
	07/25/2014*	3.9	2.8	NA	CH2M
	07/22/2015	3.2	3.7	NA	CH2M
No. of Samples: 33					
MW-24B	12/30/2002	15	5.7	NA	CH2M
	02/25/2003	9.1	6.3	NA	CH2M
	06/24/2003	7.5	4.5	NA	CH2M
	08/13/2003	5.3	3.9	NA	CH2M
	10/30/2003	10.2	3.9	NA	CH2M
	12/01/2003	14.6 J	4.7	NA	CH2M
	02/16/2004	10.3	7.3	NA	CH2M
	04/28/2004	8.8	7.5	NA	CH2M
	06/14/2004	8.5	7.7	NA	CH2M
	08/24/2004	12.7	10.3	NA	CH2M
	10/14/2004	11.8	10.8	NA	CH2M
	12/07/2004	12.4	10.6	NA	CH2M
	02/07/2005	15.2	14.5	NA	CH2M
	05/04/2005	13.2	14.2	NA	CH2M
	06/06/2005	18.2	15.9	NA	CH2M
	08/18/2005	10.6	10.6	NA	CH2M
	10/12/2005	18.6	13.8	NA	CH2M
	12/06/2005	14.9	14.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-24B	02/15/2006	12.4	9.88	NA	CH2M
	08/09/2006	5.59	NA	NA	CH2M
	02/13/2007	4.04	4.58	NA	CH2M
	08/15/2007	6.78	7.64	NA	CH2M
	02/12/2008	7.79	8.27	NA	CH2M
	08/06/2008	7.69	8.37	NA	CH2M
	08/05/2009	6.64	7.15	NA	CH2M
	08/03/2010	6.0	6.1	NA	CH2M
	07/29/2011	5.4	5.2	NA	CH2M
	12/12/2011	5.2	5.6	NA	CH2M
	01/30/2012	5.2	4.9	NA	CH2M
	04/25/2012	5.3	5.3	NA	CH2M
	07/26/2012	5.6	5.3	NA	CH2M
	10/11/2012	6.4	5.8	NA	CH2M
	01/17/2013	5.9	5.8	NA	CH2M
	04/08/2013	5.3	5.3	NA	CH2M
	07/12/2013	5.5	5.2	NA	CH2M
	10/14/2013	5.2	5.6	NA	CH2M
	10/14/2013*	5.2	5.6	NA	CH2M
	01/14/2014	6.3	5.5	NA	CH2M
	07/25/2014	6.6	6.2	NA	CH2M
	07/22/2015	5.4	6.0	NA	CH2M
	07/22/2015*	5.4	6.0	NA	CH2M
No. of Samples:		41			
MW-2-5	03/07/2001	ND (20)	NA	NA	ALISTO
	05/25/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	1.3 J	ND (0.2)	ND (10)	ALISTO
	02/07/2002	ND (1.0)	ND (0.2)	NA	CH2M
	05/23/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/21/2002	1.5	ND (0.2)	NA	CH2M
	11/12/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/18/2003	1.5	ND (0.2)	NA	CH2M
	08/18/2003	1.0	ND (0.2)	NA	CH2M
	02/20/2004	2.4	ND (0.2 J)	NA	CH2M
	08/30/2004	2.27	ND (0.2)	NA	CH2M
	02/11/2005	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:		13			
MW-25A2	01/27/2003	5.9	4.7	NA	CH2M
	02/26/2003	9.9	6.5	NA	CH2M
	08/30/2004	12.5	8.55	NA	CH2M
No. of Samples:		3			
MW-25B	01/27/2003	3.1	2.4	NA	CH2M
	02/26/2003	6.1	3.3	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-25B	08/30/2004	7.97	3.86	NA	CH2M
	10/17/2006	5.8	6.63	NA	CH2M
	12/05/2006	9.92	12.3	NA	CH2M
No. of Samples: 5					
MW-26	01/27/2003	3.8	3.2	NA	CH2M
	02/24/2003	15.2	11.1	NA	CH2M
	08/30/2004	14.3	10.3	NA	CH2M
No. of Samples: 3					
MW-2-6	03/07/2001	94	NA	NA	ALISTO
	05/25/2001	150	61.9	70	ALISTO
	09/26/2001	150	NA	NA	ALISTO
	12/07/2001	130	NA	NA	ALISTO
	02/07/2002	206	NA	110	CH2M
	05/20/2002	93.5	NA	114	CH2M
	08/21/2002	105	NA	92.6	CH2M
	11/12/2002	87.5	NA	79.2	CH2M
	02/18/2003	55.8	NA	43	CH2M
	08/14/2003	105	NA	93	CH2M
	02/19/2004	137	NA	119	CH2M
	08/30/2004	137	NA	124	CH2M
	02/10/2005	140	NA	136	CH2M
	04/14/2008	265	64	NA	Arcadis
No. of Samples: 14					
MW-27A	06/19/2003	5.8	4.5	NA	CH2M
	08/06/2003	23.5	23.3	NA	CH2M
	08/06/2003*	24.1	23.3	NA	CH2M
	10/28/2003	25	23.3	NA	CH2M
	12/01/2003	35.4 J	23.9	NA	CH2M
	02/20/2004	25	24.5	NA	CH2M
	04/27/2004	21.8	22.5	NA	CH2M
	06/15/2004	21.3	22.9	NA	CH2M
	08/26/2004	25	22.3	NA	CH2M
	10/12/2004	20.5	22.6	NA	CH2M
	12/08/2004	24.2	22.9	NA	CH2M
	02/11/2005	25.9	22	NA	CH2M
	04/14/2005	22.9	23.5	NA	CH2M
	06/06/2005	23	22.4	NA	CH2M
	08/19/2005	22.3	22.6	NA	CH2M
	10/11/2005	28	21.8	NA	CH2M
	12/07/2005	19	18.2	NA	CH2M
	02/15/2006	23.9	22	NA	CH2M
	03/22/2006	24.3	22.8	NA	CH2M
	08/11/2006	19.4	22.1	NA	CH2M
	02/21/2007	19.6	20.3	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-27A	08/20/2007	18.7	20.8	NA	CH2M
	02/18/2008	17.2	20.3	NA	CH2M
	02/18/2008*	17.2	20.3	NA	CH2M
	08/12/2008	18.8	18	NA	CH2M
	11/04/2008	14.6	16.4	NA	CH2M
	02/05/2009	19.7	18.3	NA	CH2M
	08/06/2009	17.7	17	NA	CH2M
	02/17/2010	14.8	16.8	NA	CH2M
	08/06/2010	14.8	17	NA	CH2M
	01/27/2011	15.7	16.3	NA	CH2M
	07/29/2011	15.8	15.8	NA	CH2M
	07/29/2011*	15.4	16.1	NA	CH2M
	01/30/2012	16	13.4	NA	CH2M
	07/24/2012	13.4	14	NA	CH2M
	01/18/2013	12.4	12.8	NA	CH2M
	07/17/2013	11.4	10.3	NA	CH2M
	01/14/2014	12.6	11.9	NA	CH2M
	07/23/2014	11	12	NA	CH2M
	01/07/2015	9.2	11	NA	CH2M
	07/14/2015	10	12	NA	CH2M
	10/19/2015	11	12	NA	Arcadis
	01/07/2016	12	11	NA	Arcadis
	07/15/2016	11	12	NA	Arcadis
	01/05/2017	10	11	NA	Arcadis
	04/13/2017	10	11	NA	Arcadis
	07/21/2017	9.7	11	NA	Arcadis
	10/19/2017	11	12	NA	Arcadis
	01/25/2018	10	11	NA	Arcadis
	04/13/2018	9.7	10	NA	Arcadis
	10/02/2018	9.6	10	NA	Arcadis
	04/08/2019	9.5	9.8	NA	Arcadis
	10/22/2019	9.8	10	NA	Arcadis
	04/15/2020	11	12	NA	Arcadis
	10/21/2020	9.9	9.5	NA	Arcadis
	04/14/2021	9.0	9.8	NA	Arcadis
No. of Samples: 56					
MW-27B	06/19/2003	3.6	0.63	NA	CH2M
	08/06/2003	10.8	8.2	NA	CH2M
	10/13/2003	7.0	8.8	NA	CH2M
	08/26/2004	17.1	13	NA	CH2M
	08/26/2004*	15.9	14.9	NA	CH2M
	02/08/2005	20.2	14.6	NA	CH2M
	02/08/2005*	19.7	15.5	NA	CH2M
	08/19/2005	11.3	10.5	NA	CH2M
	08/19/2005*	11.6	11	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-27B	02/22/2006	12.3	9.66	NA	CH2M
	02/22/2006*	12.2	9.1	NA	CH2M
	08/11/2006	6.55	7.83	NA	CH2M
	08/11/2006*	7.06	7.9	NA	CH2M
	02/21/2007	3.44	3.49	NA	CH2M
	02/21/2007*	3.74	3.73	NA	CH2M
	08/20/2007	7.55	7.95	NA	CH2M
	08/20/2007*	8.0	8.13	NA	CH2M
	02/18/2008	4.85	5.45	NA	CH2M
	08/11/2008	1.79	1.63	NA	CH2M
	02/05/2009	ND (2.92)	1.68	NA	CH2M
	08/11/2009	2.02	1.78	NA	CH2M
	02/11/2010	4.27	3.51	NA	CH2M
	08/06/2010	2.1	2.2	NA	CH2M
	01/28/2011	6.6	6.0	NA	CH2M
	07/29/2011	3.9	3.4	NA	CH2M
	01/30/2012	3.9	3.4	NA	CH2M
	01/30/2012*	3.6	3.4	NA	CH2M
	07/24/2012	6.0	5.9	NA	CH2M
	01/18/2013	4.3	4.2	NA	CH2M
	07/17/2013	2.7	2.1	NA	CH2M
	07/17/2013*	2.7	2.1	NA	CH2M
	01/14/2014	4.4	4.0	NA	CH2M
	07/23/2014	6.3	6.8	NA	CH2M
	01/07/2015	5.7	6.5	NA	CH2M
	01/07/2015*	5.8	6.6	NA	CH2M
	07/14/2015	5.9	6.5	NA	CH2M
	10/19/2015	5.5	6.2	NA	Arcadis
	01/07/2016	8.3	7.4	NA	Arcadis
	07/15/2016	3.9	4.1	NA	Arcadis
	01/05/2017	3.9	3.9	NA	Arcadis
	07/21/2017	3.9	4.3	NA	Arcadis
	10/19/2017	5.6	5.9	NA	Arcadis
	04/13/2018	6.2	6.2	NA	Arcadis
	10/02/2018	3.7	3.7	NA	Arcadis
	04/08/2019	7.9	8.3	NA	Arcadis
	10/22/2019	5.7	5.9	NA	Arcadis
	04/15/2020	5.7	5.3	NA	Arcadis
	10/21/2020	2.7	2.4	NA	Arcadis
	04/14/2021	6.8	7.2	NA	Arcadis
No. of Samples:		49			
MW-28A	06/20/2003	2.5	0.82	NA	CH2M
	08/05/2003	3.4	2.5	NA	CH2M
	08/24/2004	3.14	2.05	NA	CH2M
	02/08/2005	5.13	2.87	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-28A	08/18/2005	1.87	1.82	NA	CH2M
	02/15/2006	18.3	16	NA	CH2M
	06/12/2006	19.9	17.5	NA	CH2M
	08/09/2006	3.24	3.57	NA	CH2M
	10/17/2006	1.53	1.55	NA	CH2M
	12/07/2006	24.3	25.7	NA	CH2M
	02/14/2007	16.5	19.5	NA	CH2M
	04/13/2007	8.74	8.16	NA	CH2M
	06/18/2007	12.3	11.8	NA	CH2M
	08/16/2007	4.18	4.27	NA	CH2M
	10/16/2007	14.3	15	NA	CH2M
	12/10/2007	24.9	22.5	NA	CH2M
	02/12/2008	13.8	12.6	NA	CH2M
	04/10/2008	19.7	19.9	NA	CH2M
	06/11/2008	15.2	12.5	NA	CH2M
	08/12/2008	5.94	7.14	NA	CH2M
	11/04/2008	1.2	1.12	NA	CH2M
	02/03/2009	35	38.2	NA	CH2M
	03/05/2009	35.9	44.4	NA	CH2M
	05/13/2009	31.9	32.9	NA	CH2M
	08/10/2009	14.9	14.1	NA	CH2M
	11/17/2009	12.3	11.8	NA	CH2M
	02/10/2010	14.9	15.1	NA	CH2M
	05/11/2010	6.5	6.5	NA	CH2M
	08/03/2010	4.0	4.4	NA	CH2M
	10/26/2010	3.8	3.0	NA	CH2M
	01/25/2011	21.9	23.8	NA	CH2M
	05/03/2011	15.9	14.4	NA	CH2M
	08/03/2011	4.1	3.2	NA	CH2M
	11/02/2011	5.4	4.6	NA	CH2M
	01/30/2012	29.2	27.3	NA	CH2M
	04/25/2012	10.8	9.3	NA	CH2M
	07/24/2012	3.9	3.4	NA	CH2M
	10/11/2012	3.3	2.8	NA	CH2M
	01/16/2013	3.6	3.1	NA	CH2M
	04/11/2013	20.9	20.5	NA	CH2M
	04/11/2013*	21.2	20.6	NA	CH2M
	01/15/2014	23.5	17.5	NA	CH2M
	04/11/2014	23	23	NA	CH2M
	04/07/2015	18	18	NA	CH2M
	04/07/2015*	18	18	NA	CH2M
	01/06/2016	16	15	NA	Arcadis
No. of Samples: 46					
MW-28B	06/19/2003	25.3	37.5	NA	CH2M
	06/19/2003*	36.5	38	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-28B	08/05/2003	37.1	35.5	NA	CH2M
	10/28/2003	29	28.7	NA	CH2M
	12/03/2003	30.5	30.7	NA	CH2M
	02/16/2004	40	35.1	NA	CH2M
	04/26/2004	31.1	37.9	NA	CH2M
	04/26/2004*	31	37.6	NA	CH2M
	06/16/2004	46.6	47.2	NA	CH2M
	08/24/2004	56.6	50.2	NA	CH2M
	10/13/2004	48.4	54.5	NA	CH2M
	10/13/2004*	45.9	53.5	NA	CH2M
	12/07/2004	55.2	54.3	NA	CH2M
	12/07/2004*	55.3	55	NA	CH2M
	02/08/2005	55.7	50.3	NA	CH2M
	04/14/2005	49.8	NA	49.1	CH2M
	04/14/2005*	50.7	NA	49.1	CH2M
	06/07/2005	47.9	NA	48	CH2M
	06/07/2005*	49.1	NA	46.9	CH2M
	08/16/2005	50.1	NA	50.1	CH2M
	10/13/2005	49.4	NA	48	CH2M
	10/13/2005*	50.9	NA	49.1	CH2M
	12/07/2005	54.5	NA	49.7	CH2M
	02/15/2006	51.1	NA	48.7	CH2M
	04/18/2006	52.1	NA	57.1	CH2M
	06/12/2006	56.3	NA	50.8	CH2M
	08/09/2006	47	NA	58.2	CH2M
	10/17/2006	46.9	NA	54.7	CH2M
	12/05/2006	49.6	NA	55.8	CH2M
	02/23/2007	52.4	59.7	NA	CH2M
	04/13/2007	61.6	56.2	NA	CH2M
	06/18/2007	48.1	NA	52	CH2M
	08/16/2007	52.2	NA	57.1	CH2M
	10/16/2007	56.6	NA	64	CH2M
	12/10/2007	56.8	NA	51.8	CH2M
	02/12/2008	51.1	NA	52.5	CH2M
	04/10/2008	50.6	NA	43.1	CH2M
	06/11/2008	51.5	NA	59.3	CH2M
	08/13/2008	52.3	49.7	NA	CH2M
	11/06/2008	48	49.4	NA	CH2M
	02/03/2009	42.4	47.9	NA	CH2M
	05/13/2009	44.4	47.6	NA	CH2M
	08/10/2009	48	53	NA	CH2M
	11/17/2009	49.5	53.4	NA	CH2M
	02/10/2010	41.8	45.2	NA	CH2M
	05/11/2010	50.5	46.9	NA	CH2M
	08/03/2010	49	54.3	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-28B	10/26/2010	46.3	48.9	NA	CH2M
	01/25/2011	44.6	49.5	NA	CH2M
	01/25/2011*	46.3	50.9	NA	CH2M
	05/03/2011	54	48.5	NA	CH2M
	08/03/2011	51	47.8	NA	CH2M
	11/03/2011	44.5	43.6	NA	CH2M
	01/30/2012	45.3	43.8	NA	CH2M
	04/25/2012	41.7	40.4	NA	CH2M
	07/24/2012	34.5	35.6	NA	CH2M
	10/11/2012	37.1	36.2	NA	CH2M
	01/16/2013	37.3	35.5	NA	CH2M
	04/11/2013	34.2	34.1	NA	CH2M
	07/11/2013	33.2	30.7	NA	CH2M
	10/09/2013	25	28	NA	CH2M
	01/15/2014	25.3	23.9	NA	CH2M
	04/11/2014	22	24	NA	CH2M
	07/25/2014	15	14	NA	CH2M
	10/14/2014	10	10	NA	CH2M
	01/15/2015	9.5	11	NA	CH2M
	04/09/2015	12	12	NA	CH2M
	07/22/2015	8.5	9.1	NA	CH2M
	10/19/2015	9.1	10	NA	Arcadis
	01/07/2016	9.4	8.2	NA	Arcadis
	01/07/2016*	9.4	8.1	NA	Arcadis
	04/11/2016	5.8	6.2	NA	Arcadis
	07/18/2016	6.2	6.2	NA	Arcadis
	01/05/2017	5.9	6.1	NA	Arcadis
	07/19/2017	3.1	3.6	NA	Arcadis
	10/17/2017	3.1	2.9	NA	Arcadis
	04/12/2018	2.6	2.8	NA	Arcadis
	10/08/2018	2.9	2.9	NA	Arcadis
	04/10/2019	5.6	5.7	NA	Arcadis
	06/06/2019	4.7	4.8	NA	Arcadis
	10/18/2019	2.2	2.0	NA	Arcadis
	04/13/2020	4.0	4.1	NA	Arcadis
	10/15/2020	2.3	2.1	NA	Arcadis
	04/13/2021	2.4	2.5	NA	Arcadis
No. of Samples:		84			
MW-28C	02/04/2011	5.1	5.3	NA	CH2M
	05/03/2011	3.7	2.7	NA	CH2M
	06/01/2011	3.7	3.2	NA	CH2M
	08/03/2011	8.7	7.8	NA	CH2M
	11/02/2011	10.8	11.2	NA	CH2M
	01/30/2012	10.1	9.4	NA	CH2M
	04/25/2012	12.2	11.3	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-28C	07/24/2012	11.2	10	NA	CH2M
	10/11/2012	9.4	8.3	NA	CH2M
	01/16/2013	8.4	8.1	NA	CH2M
	04/11/2013	8.0	7.4	NA	CH2M
	07/11/2013	6.2	5.7	NA	CH2M
	10/09/2013	4.5	4.5	NA	CH2M
	01/15/2014	4.9	4.2	NA	CH2M
	01/15/2014*	5.0	4.3	NA	CH2M
	04/11/2014	4.9	4.8	NA	CH2M
	07/25/2014	3.6	2.6	NA	CH2M
	10/14/2014	2.7	2.7	NA	CH2M
	01/15/2015	2.7	2.6	NA	CH2M
	04/09/2015	4.7	4.4	NA	CH2M
	07/22/2015	2.7	3.0	NA	CH2M
	10/21/2015	2.8	2.9	NA	Arcadis
	01/06/2016	3.4	2.6	NA	Arcadis
	04/11/2016	3.2	3.0	NA	Arcadis
	07/18/2016	2.4	2.2	NA	Arcadis
	07/18/2016*	2.5	2.2	NA	Arcadis
	10/20/2016	2.3	1.8	NA	Arcadis
	04/12/2017	2.1	2.1	NA	Arcadis
	10/17/2017	1.4	1.2	NA	Arcadis
	04/12/2018	1.2	0.92	NA	Arcadis
	10/08/2018	ND (1.0)	0.7	NA	Arcadis
	04/10/2019	ND (1.0)	0.58	NA	Arcadis
	10/18/2019	ND (1.0)	0.52	NA	Arcadis
	04/13/2020	ND (1.0)	0.4	NA	Arcadis
	10/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2021	ND (1.0)	0.33	NA	Arcadis
No. of Samples:		36			
MW-29	06/20/2003	2.0	ND (0.2)	NA	CH2M
	08/07/2003	2.4	0.9	NA	CH2M
	07/14/2004	5.2	4.7	NA	CH2M
	08/31/2004	8.18	5.12	NA	CH2M
	02/04/2005	13	12.3	NA	CH2M
	04/12/2005	15.4	15	NA	CH2M
	06/08/2005	16.8	13.9	NA	CH2M
	08/17/2005	13	13.2	NA	CH2M
	10/11/2005	12.2	14.4	NA	CH2M
	12/07/2005	17.7	16	NA	CH2M
	02/14/2006	19	19.4	NA	CH2M
	04/18/2006	21.1	18	NA	CH2M
	06/13/2006	15	18.1	NA	CH2M
	06/13/2006*	14.9	16.7	NA	CH2M
	08/14/2006	14.1	14.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-29	10/18/2006	15.9	18.1	NA	CH2M
	12/04/2006	16.2	20	NA	CH2M
	02/14/2007	18.8	20.5	NA	CH2M
	04/12/2007	23.3	21.2	NA	CH2M
	06/18/2007	19.8	21.2	NA	CH2M
	08/16/2007	21.2	20	NA	CH2M
	10/17/2007	23.1	21.9	NA	CH2M
	12/10/2007	22.9	22.5	NA	CH2M
	02/13/2008	27	23.9	NA	CH2M
	04/10/2008	23.4	24.9	NA	CH2M
	06/11/2008	26.1	25.2	NA	CH2M
	08/07/2008	18.3	17.4	NA	CH2M
	08/07/2008*	19.6	18.7	NA	CH2M
	11/06/2008	10.8	10.6	NA	CH2M
	02/04/2009	22.9	25.8	NA	CH2M
	05/14/2009	24.2	24.3	NA	CH2M
	08/11/2009	20	16.3	NA	CH2M
	11/11/2009	22.2	20.2	NA	CH2M
	11/11/2009*	21.4	20.2	NA	CH2M
	02/09/2010	21.9	23.2	NA	CH2M
	02/09/2010*	22.7	24	NA	CH2M
	05/12/2010	24.4	24.9	NA	CH2M
	08/19/2010	18.8	19.4	NA	CH2M
	10/27/2010	12.3	11.8	NA	CH2M
	01/26/2011	19.1	19.4	NA	CH2M
	05/05/2011	13.5	12.1	NA	CH2M
	07/28/2011	2.6	2.2	NA	CH2M
	11/02/2011	2.2	1.6	NA	CH2M
	11/02/2011*	2.2	1.7	NA	CH2M
	01/12/2012	4.0	2.2	NA	CH2M
	04/09/2012	2.1	1.5	NA	CH2M
	07/23/2012	1.7	1.1	NA	CH2M
	07/23/2012*	1.7	1.0	NA	CH2M
	10/17/2012	1.4	1.6	NA	CH2M
	01/22/2013	1.7	1.5	NA	CH2M
	01/22/2013*	1.7	1.5	NA	CH2M
	04/16/2013	1.6	1.2	NA	CH2M
	07/30/2013	1.7	0.86	NA	CH2M
	10/15/2013	2.0	1.9	NA	CH2M
	01/21/2014	4.0	3.3	NA	CH2M
	01/21/2014*	4.0	3.3	NA	CH2M
	04/15/2014	1.4	1.3	NA	CH2M
	04/15/2014*	1.3	1.2	NA	CH2M
	07/21/2014	1.5	1.1	NA	CH2M
	10/14/2014	2.1	2.3	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-29	01/19/2015	2.9	3.1	NA	CH2M
	04/08/2015	3.6	3.4	NA	CH2M
	07/22/2015	4.9	5.2	NA	CH2M
	10/19/2015	4.9	5.8	NA	Arcadis
	01/12/2016	5.1	4.8	NA	Arcadis
	04/11/2016	5.7	5.2	NA	Arcadis
	07/13/2016	6.1	6.1	NA	Arcadis
	07/13/2016*	6.1	6.1	NA	Arcadis
	01/05/2017	5.9	5.7	NA	Arcadis
	07/14/2017	3.0	3.0	NA	Arcadis
	10/11/2017	2.4	2.2	NA	Arcadis
	04/11/2018	1.9	1.8	NA	Arcadis
	10/12/2018	1.6	1.3	NA	Arcadis
	04/10/2019	1.6	1.2	NA	Arcadis
	10/16/2019	1.7	1.1	NA	Arcadis
	04/14/2020	1.7	0.95	NA	Arcadis
	10/14/2020	1.3	0.79	NA	Arcadis
	04/14/2021	1.2	0.88	NA	Arcadis
No. of Samples: 78					
MW-30A	04/08/2004	6.4	6.2	NA	CH2M
	04/28/2004	7.4	6.3	NA	CH2M
	07/14/2004	6.7	6.0	NA	CH2M
	08/31/2004	8.59	4.76	NA	CH2M
	02/04/2005	6.55	6.08	NA	CH2M
	08/18/2005	5.61	5.78	NA	CH2M
	02/15/2006	7.66	5.21	NA	CH2M
	08/15/2006	5.52	5.5	NA	CH2M
	02/14/2007	4.5	5.22	NA	CH2M
	08/16/2007	4.92	5.1	NA	CH2M
	02/13/2008	5.25	4.88	NA	CH2M
	08/06/2008	4.47	4.87	NA	CH2M
No. of Samples: 12					
MW-30B1	06/20/2003	88	93.5	NA	CH2M
	10/13/2003	88.9	96.8	NA	CH2M
	07/14/2004	86.6	86.9	NA	CH2M
	08/30/2004	68.4	80	NA	CH2M
	10/13/2004	59.1	66.6	NA	CH2M
	02/03/2005	49.8	50	NA	CH2M
	04/12/2005	43.2	NA	45	CH2M
	08/16/2005	7.35	6.02	NA	CH2M
	10/11/2005	4.4	NA	ND (10)	CH2M
	02/14/2006	8.69	5.64	NA	CH2M
	04/18/2006	8.86	4.99	NA	CH2M
	08/14/2006	5.14	5.38	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-30B1	12/04/2006	5.92	6.77	NA	CH2M
	02/14/2007	6.73	6.85	NA	CH2M
	04/09/2007	5.57	4.59	NA	CH2M
	08/15/2007	5.12	4.74	NA	CH2M
	10/16/2007	4.76	5.23	NA	CH2M
	12/07/2007	5.55	5.48	NA	CH2M
	02/13/2008	5.45	5.28	NA	CH2M
	04/09/2008	5.57	5.2	NA	CH2M
	08/07/2008	4.52	4.7	NA	CH2M
	11/05/2008	4.31	4.86	NA	CH2M
	02/04/2009	5.08	5.02	NA	CH2M
	05/14/2009	4.45	4.3	NA	CH2M
	08/10/2009	4.61	4.52	NA	CH2M
	11/10/2009	4.47	4.7	NA	CH2M
	02/10/2010	4.34	4.05	NA	CH2M
	05/12/2010	3.6	4.2	NA	CH2M
	08/19/2010	5.2	5.1	NA	CH2M
	10/27/2010	6.8	4.5	NA	CH2M
	01/26/2011	4.3	4.1	NA	CH2M
	05/05/2011	4.9	4.6	NA	CH2M
	07/28/2011	7.7	7.4	NA	CH2M
	09/12/2011	7.6	7.2	NA	CH2M
	09/12/2011*	6.9	7.1	NA	CH2M
	11/01/2011	6.4	5.9	NA	CH2M
	01/12/2012	7.0	6.2	NA	CH2M
	01/12/2012*	7.0	6.3	NA	CH2M
	04/09/2012	5.6	5.4	NA	CH2M
	07/23/2012	4.2	3.9	NA	CH2M
	10/17/2012	4.1	4.2	NA	CH2M
	01/22/2013	4.1	4.2	NA	CH2M
	04/15/2013	4.2	4.0	NA	CH2M
	07/30/2013	5.5	4.9	NA	CH2M
	10/15/2013	5.2	4.6	NA	CH2M
	01/21/2014	3.8	3.6	NA	CH2M
	04/14/2014	3.2	3.3	NA	CH2M
	04/14/2014*	3.7	3.3	NA	CH2M
	07/17/2014	3.5	3.0	NA	CH2M
	10/10/2014	2.6	2.9	NA	CH2M
	01/20/2015	3.6	3.9	NA	CH2M
	04/08/2015	4.0	3.8	NA	CH2M
	07/21/2015	3.3	3.7	NA	CH2M
	10/14/2015	3.6	4.0	NA	Arcadis
	01/09/2018	30	31	NA	Arcadis
No. of Samples:		55			
MW-30B2	07/14/2003	155	162	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-30B2	07/14/2003*	165	163	NA	CH2M
	10/29/2003	37.2	34	NA	CH2M
	10/29/2003*	35.6	33.2	NA	CH2M
	12/02/2003	72.7 J	79	NA	CH2M
	01/27/2004	47.1	54	NA	CH2M
	02/20/2004	50	54.7	NA	CH2M
	04/27/2004	43.1	46.6	NA	CH2M
	04/27/2004*	41.9	46.2	NA	CH2M
	06/14/2004	50.8	56.6	NA	CH2M
	06/14/2004*	55.5	58.3	NA	CH2M
	07/13/2004	76.1	63.3	NA	CH2M
	08/24/2004	177	131	NA	CH2M
	10/11/2004	180	174	NA	CH2M
	10/11/2004*	174	192	NA	CH2M
	12/06/2004	168	182	NA	CH2M
	12/06/2004*	169	170	NA	CH2M
	02/03/2005	82.5	89.4	NA	CH2M
	04/12/2005	39.2	NA	39.7	CH2M
	06/07/2005	50.2	NA	49.1	CH2M
	08/16/2005	21.8	22.5	NA	CH2M
	10/11/2005	5.65	NA	ND (10)	CH2M
	12/08/2005	29.6	32.1	NA	CH2M
	02/14/2006	14.4	11.2	NA	CH2M
	04/18/2006	33.6	10.4	NA	CH2M
	06/12/2006	27	20.7	NA	CH2M
	08/14/2006	29.9	34.2	NA	CH2M
	10/18/2006	21.4	NA	20.4	CH2M
	12/04/2006	11.6	NA	13.3	CH2M
	02/14/2007	27	25.2	NA	CH2M
	04/19/2007	8.87	8.14	NA	CH2M
	06/20/2007	10.2	10.9	NA	CH2M
	08/15/2007	13.8	13.5	NA	CH2M
	10/16/2007	18.3	19.4	NA	CH2M
	12/07/2007	10.4	12.8	NA	CH2M
	02/13/2008	7.21	7.42	NA	CH2M
	04/09/2008	9.37	8.84	NA	CH2M
	06/10/2008	10.3	12.6	NA	CH2M
	08/07/2008	9.19	9.37	NA	CH2M
	11/05/2008	6.36	7.38	NA	CH2M
	02/04/2009	20	20.4	NA	CH2M
	03/05/2009	6.7	7.84	NA	CH2M
	05/14/2009	6.42	6.82	NA	CH2M
	08/10/2009	7.06	6.99	NA	CH2M
	08/10/2009*	6.35	7.22	NA	CH2M
	11/10/2009	6.56	7.01	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-30B2	02/10/2010	5.77	5.98	NA	CH2M
	05/12/2010	5.7	6.2	NA	CH2M
	05/12/2010*	5.3	5.6	NA	CH2M
	08/19/2010	5.3	5.9	NA	CH2M
	08/19/2010*	5.6	6.0	NA	CH2M
	10/27/2010	6.7	6.4	NA	CH2M
	10/27/2010*	6.5	6.6	NA	CH2M
	01/26/2011	7.2	7.3	NA	CH2M
	01/26/2011*	7.4	7.7	NA	CH2M
	05/05/2011	6.4	5.4	NA	CH2M
	07/28/2011	5.2	4.8	NA	CH2M
	11/01/2011	5.1	4.4	NA	CH2M
	01/12/2012	5.5	5.3	NA	CH2M
	04/09/2012	5.0	4.8	NA	CH2M
	07/23/2012	9.9	9.5	NA	CH2M
	10/17/2012	4.6	4.5	NA	CH2M
	01/22/2013	4.1	4.4	NA	CH2M
	04/15/2013	4.6	4.6	NA	CH2M
	07/30/2013	5.9	5.6	NA	CH2M
	10/15/2013	11.1	10.2	NA	CH2M
	01/21/2014	9.8	10.3	NA	CH2M
	04/14/2014	11	11	NA	CH2M
	07/17/2014	13	12	NA	CH2M
	10/10/2014	11	13	NA	CH2M
	01/20/2015	7.7	8.6	NA	CH2M
	04/08/2015	8.1	8.2	NA	CH2M
	07/21/2015	7.2	8.2	NA	CH2M
	10/14/2015	11	12	NA	Arcadis
	10/03/2017	32 J	51	NA	Arcadis
	10/03/2017*	43 J	51	NA	Arcadis
	11/28/2017	53	50	NA	Arcadis
	01/09/2018	40	40	NA	Arcadis
	04/11/2018	40	43	NA	Arcadis
	07/12/2018	37	40	NA	Arcadis
	10/18/2018	32	33	NA	Arcadis
	01/09/2019	34	32	NA	Arcadis
	04/04/2019	37	38	NA	Arcadis
	07/10/2019	8.6	8.4	NA	Arcadis
	10/16/2019	18	18	NA	Arcadis
	01/16/2020	27	29	NA	Arcadis
	04/10/2020	5.8	5.8	NA	Arcadis
	07/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2020	5.1	4.7	NA	Arcadis
	01/19/2021	1.2	1.2	NA	Arcadis
	04/14/2021	8.4	9.2	NA	Arcadis

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 91					
MW-31	06/20/2003	3.3	0.43	NA	CH2M
	07/15/2003	3.5	1.6	NA	CH2M
	08/08/2003	3.2	1.5	NA	CH2M
	02/04/2004	ND (10)	NA	NA	CH2M
	04/29/2004	4.8	3.3	NA	CH2M
	07/14/2004	7.7	7.4	NA	CH2M
	08/31/2004	11.4	10.2	NA	CH2M
	10/14/2004	11.9	14.2	NA	CH2M
	12/07/2004	17.5	16.4	NA	CH2M
	02/03/2005	18.6	20.1	NA	CH2M
	02/03/2005*	19.5	20.2	NA	CH2M
	04/12/2005	24.4	23.1	NA	CH2M
	04/12/2005*	24.3	23.1	NA	CH2M
	06/08/2005	29.2	26.8	NA	CH2M
	06/08/2005*	28.4	26.9	NA	CH2M
	08/16/2005	26	28.1	NA	CH2M
	08/16/2005*	24.8	24.3	NA	CH2M
	10/11/2005	25.8	29.1	NA	CH2M
	10/11/2005*	25	29.1	NA	CH2M
	12/09/2005	31.5	32	NA	CH2M
	12/09/2005*	28	32.1	NA	CH2M
	02/14/2006	32.6	29.6	NA	CH2M
	02/14/2006*	31.4	30	NA	CH2M
	04/18/2006	27.9	NA	24.5	CH2M
	04/18/2006*	27.4	NA	24.5	CH2M
	06/13/2006	23.8	NA	28.9	CH2M
	08/14/2006	26.6	30.3	NA	CH2M
	10/18/2006	13.6	NA	15.7	CH2M
	12/04/2006	26.7	32.6	NA	CH2M
	02/15/2007	28.3	30.6	NA	CH2M
	04/09/2007	37.8	34.1	NA	CH2M
	06/18/2007	22.2	NA	24.1	CH2M
	08/16/2007	20.2	19.3	NA	CH2M
	10/16/2007	17.3	19.4	NA	CH2M
	12/07/2007	17.1	17.5	NA	CH2M
	02/13/2008	17	18	NA	CH2M
	04/09/2008	20.5	21.1	NA	CH2M
	04/09/2008*	20.7	21.2	NA	CH2M
	06/10/2008	17.8	19.7	NA	CH2M
	08/07/2008	19.5	19.7	NA	CH2M
	02/04/2009	18.7	18.6	NA	CH2M
	05/14/2009	16.2	14.9	NA	CH2M
	08/11/2009	17.9	19.2	NA	CH2M
	11/11/2009	15.7	16	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-31	02/09/2010	15.5	14.8	NA	CH2M
	05/12/2010	15.4	14.7	NA	CH2M
	08/19/2010	15.7	16.3	NA	CH2M
	10/27/2010	15.9	15.5	NA	CH2M
	01/26/2011	16.1	15.8	NA	CH2M
	05/02/2011	14.6	15.7	NA	CH2M
	07/28/2011	17.5	16.6	NA	CH2M
	11/01/2011	17.1	16.7	NA	CH2M
	01/13/2012	12.2	10.4	NA	CH2M
	04/09/2012	13.3	13.9	NA	CH2M
	07/23/2012	11.7	11.2	NA	CH2M
	10/17/2012	8.6	8.7	NA	CH2M
	10/17/2012*	8.4	8.6	NA	CH2M
	01/22/2013	13.3	13.8	NA	CH2M
	04/15/2013	16.5	17.4	NA	CH2M
	07/30/2013	5.8	5.1	NA	CH2M
	07/30/2013*	5.9	5.0	NA	CH2M
	10/15/2013	4.7	4.1	NA	CH2M
	01/21/2014	4.3	3.8	NA	CH2M
	04/14/2014	3.6	3.7	NA	CH2M
	07/17/2014	3.4	3.2	NA	CH2M
	10/10/2014	2.5	2.7	NA	CH2M
	01/20/2015	2.8	2.9	NA	CH2M
	04/07/2015	8.5	8.8	NA	CH2M
	07/21/2015	3.5	3.8	NA	CH2M
	10/14/2015	3.4	3.8	NA	Arcadis
	01/12/2016	2.3	2.5	NA	Arcadis
	04/08/2016	2.9	2.9	NA	Arcadis
	07/15/2016	2.2	2.5	NA	Arcadis
	10/07/2016	2.2	2.1	NA	Arcadis
	01/04/2017	2.6	2.8	NA	Arcadis
	04/10/2017	2.3	2.4	NA	Arcadis
	07/14/2017	2.4	2.3	NA	Arcadis
	10/10/2017	2.8	2.1	NA	Arcadis
	01/09/2018	2.2	2.2	NA	Arcadis
	01/09/2018*	2.3	2.2	NA	Arcadis
	04/11/2018	1.9	2.0	NA	Arcadis
	07/11/2018	2.5	1.9	NA	Arcadis
	10/17/2018	2.4	1.9	NA	Arcadis
	01/09/2019	2.0	1.8	NA	Arcadis
	04/04/2019	1.9	2.0	NA	Arcadis
	07/10/2019	1.9	2.1	NA	Arcadis
	10/11/2019	1.9	1.9	NA	Arcadis
	01/06/2020	2.4	2.0	NA	Arcadis
	04/23/2020	2.6	2.1	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-31	07/07/2020	2.5	2.0	NA	Arcadis
	10/13/2020	2.5	2.0	NA	Arcadis
	01/19/2021	2.6	1.9	NA	Arcadis
	04/08/2021	2.5	2.2	NA	Arcadis
No. of Samples:		93			
MW-31C	11/16/2009	2.03	2.08	NA	CH2M
	02/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	ND (1.0)	NA	CH2M
	11/01/2011*	ND (1.0)	0.062	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/12/2012	ND (1.0)	0.11	NA	CH2M
	07/17/2012	ND (1.0)	0.26	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.25)	NA	CH2M
	01/28/2013	ND (1.0)	0.51	NA	CH2M
	01/28/2013*	ND (1.0)	0.53	NA	CH2M
	04/09/2013	ND (1.0)	0.16	NA	CH2M
	07/15/2013	1.3	0.96	NA	CH2M
	10/15/2013	ND (1.0)	0.29	NA	CH2M
	01/15/2014	1.6	0.85	NA	CH2M
	04/14/2014	1.1	ND (1.2)	NA	CH2M
	07/17/2014	1.2	1.2	NA	CH2M
	10/10/2014	ND (1.0)	1.1	NA	CH2M
	10/10/2014*	ND (1.0)	1.0	NA	CH2M
	01/20/2015	ND (1.0)	0.93	NA	CH2M
	04/07/2015	1.2	1.2	NA	CH2M
	07/21/2015	1.2	1.5	NA	CH2M
	10/14/2015	1.3	1.5	NA	Arcadis
	10/14/2015*	1.3	1.5	NA	Arcadis
	01/12/2016	1.5	1.2	NA	Arcadis
	04/08/2016	1.8	1.5	NA	Arcadis
	07/15/2016	1.4	1.6	NA	Arcadis
	10/07/2016	1.6	1.6	NA	Arcadis
	04/10/2017	1.7	1.6	NA	Arcadis
	10/10/2017	1.5	1.7	NA	Arcadis
	04/11/2018	1.5	1.5	NA	Arcadis
	10/17/2018	2.1	1.6	NA	Arcadis
	04/04/2019	1.5	1.6	NA	Arcadis
	10/11/2019	1.6	1.7	NA	Arcadis
	04/10/2020	1.7	1.7	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-31C	10/13/2020	2.0	1.8	NA	Arcadis
	04/08/2021	1.8	1.8	NA	Arcadis
No. of Samples: 42					
MW-32B1	07/15/2003	4.1	3.3	NA	CH2M
	08/05/2003	4.8	3.5	NA	CH2M
	10/28/2003	4.1	3.8	NA	CH2M
	12/03/2003	6.3	3.7	NA	CH2M
	02/17/2004	5.6	3.9 J	NA	CH2M
	04/26/2004	3.8	3.9	NA	CH2M
	06/16/2004	3.8	3.8	NA	CH2M
	08/24/2004	4.42	3.9	NA	CH2M
	10/13/2004	3.26	3.82	NA	CH2M
	12/08/2004	3.84	3.85	NA	CH2M
	02/03/2005	4.51	4.07	NA	CH2M
	04/13/2005	4.42	3.94	NA	CH2M
	06/08/2005	4.49	3.97	NA	CH2M
	08/16/2005	4.23	3.82	NA	CH2M
	10/12/2005	4.73	3.91	NA	CH2M
	12/08/2005	3.6	3.93	NA	CH2M
	02/14/2006	4.98	3.99	NA	CH2M
	04/18/2006	5.08	4.06	NA	CH2M
	06/14/2006	3.32	3.8	NA	CH2M
	08/15/2006	3.94	4.17	NA	CH2M
	10/18/2006	3.89	3.99	NA	CH2M
	12/06/2006	4.27	4.42	NA	CH2M
	02/15/2007	3.8	4.05	NA	CH2M
	04/10/2007	4.61	3.98	NA	CH2M
	06/20/2007	4.18	4.16	NA	CH2M
	08/22/2007	5.33	4.19	NA	CH2M
	10/17/2007	3.67	4.3	NA	CH2M
	12/10/2007	4.08	3.92	NA	CH2M
	02/13/2008	3.82	4.1	NA	CH2M
	02/13/2008*	3.79	4.06	NA	CH2M
	04/09/2008	3.98	4.08	NA	CH2M
	06/09/2008	3.94	3.97	NA	CH2M
	08/07/2008	3.37	3.94	NA	CH2M
	11/06/2008	2.92	3.89	NA	CH2M
	02/05/2009	3.8	3.94	NA	CH2M
	05/14/2009	3.63	3.72	NA	CH2M
	08/10/2009	3.95	3.82	NA	CH2M
	11/10/2009	3.59	3.73	NA	CH2M
	02/10/2010	3.28	3.56	NA	CH2M
	05/12/2010	3.7	4.0	NA	CH2M
	08/19/2010	3.4	3.9	NA	CH2M
	10/27/2010	3.6	3.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-32B1	01/26/2011	4.0	4.3	NA	CH2M
	05/02/2011	3.6	3.7	NA	CH2M
	08/01/2011	3.4	3.8	NA	CH2M
	11/01/2011	3.8	3.8	NA	CH2M
	01/16/2012	3.6	3.5	NA	CH2M
	04/09/2012	4.6	4.8	NA	CH2M
	07/24/2012	4.0	4.0	NA	CH2M
	10/17/2012	4.0	4.0	NA	CH2M
	01/24/2013	4.2	3.9	NA	CH2M
	04/15/2013	17.4	17.1	NA	CH2M
	08/01/2013	4.2	4.1	NA	CH2M
	10/15/2013	4.3	4.7	NA	CH2M
	01/21/2014	4.3	4.3	NA	CH2M
	04/16/2014	17	17	NA	CH2M
	07/23/2014	4.7	5.1	NA	CH2M
	10/14/2014	4.7	4.9	NA	CH2M
	01/20/2015	5.8	6.1	NA	CH2M
	04/07/2015	5.2	5.1	NA	CH2M
	07/21/2015	5.2	5.4	NA	CH2M
	10/19/2015	4.6	5.3	NA	Arcadis
	01/08/2016	4.7	4.7	NA	Arcadis
	04/08/2016	4.1	4.0	NA	Arcadis
	07/12/2016	4.5	4.6	NA	Arcadis
	10/07/2016	4.2	4.6	NA	Arcadis
	01/18/2017	4.3	4.3	NA	Arcadis
	04/11/2017	3.6	4.1	NA	Arcadis
	07/14/2017	3.8	4.0	NA	Arcadis
	10/18/2017	3.4	3.7	NA	Arcadis
	01/11/2018	3.4	3.5	NA	Arcadis
	04/10/2018	3.6	3.9	NA	Arcadis
	07/11/2018	3.8	4.1	NA	Arcadis
	10/17/2018	3.8	4.0	NA	Arcadis
	01/09/2019	3.8	3.6	NA	Arcadis
	04/05/2019	3.5	3.9	NA	Arcadis
	07/09/2019	3.5	3.8	NA	Arcadis
	10/16/2019	3.5	3.4	NA	Arcadis
	01/06/2020	3.5	3.6	NA	Arcadis
	04/08/2020	3.4	3.5	NA	Arcadis
	07/07/2020	6.9	6.8	NA	Arcadis
	10/14/2020	2.9	2.8	NA	Arcadis
	01/19/2021	3.2	3.4	NA	Arcadis
	04/09/2021	3.4	3.6	NA	Arcadis
No. of Samples: 84					
MW-32B2	07/15/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2003	1.7	0.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-32B2	08/24/2004	1.16	ND (0.2)	NA	CH2M
	10/13/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/03/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2005	1.44	ND (0.2)	NA	CH2M
	02/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/18/2006	1.78	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/22/2007	1.74	ND (0.2)	NA	CH2M
	12/10/2007	1.2	ND (0.2)	NA	CH2M
	02/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/02/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	08/01/2011	1.2	1.1	NA	CH2M
	08/01/2011*	1.3	1.0	NA	CH2M
	11/01/2011	2.9	2.4	NA	CH2M
	01/16/2012	2.7	2.7	NA	CH2M
	04/09/2012	3.7	3.3	NA	CH2M
	04/09/2012*	3.6	3.3	NA	CH2M
	07/24/2012	3.2	3.2	NA	CH2M
	10/17/2012	4.5	4.3	NA	CH2M
	01/24/2013	5.9	5.2	NA	CH2M
	04/15/2013	5.8	5.7	NA	CH2M
	07/31/2013	5.9	5.7	NA	CH2M
	10/15/2013	5.6	5.9	NA	CH2M
	10/15/2013*	5.3	5.9	NA	CH2M
	01/21/2014	4.8	4.7	NA	CH2M
	04/16/2014	6.5	6.6	NA	CH2M
	07/23/2014	7.4	7.0	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-32B2	10/14/2014	8.0	8.5	NA	CH2M
	01/20/2015	8.7	9.0	NA	CH2M
	04/07/2015	8.3	8.3	NA	CH2M
	04/07/2015*	8.1	8.3	NA	CH2M
	07/21/2015	4.9	5.7	NA	CH2M
	10/19/2015	6.1	6.6	NA	Arcadis
	03/03/2016	3.6	3.7	NA	Arcadis
No. of Samples: 54					
MW-32S	10/27/2010	2.5	2.1	NA	CH2M
	01/13/2011	2.9	2.3	NA	CH2M
	05/02/2011	2.6	1.6	NA	CH2M
	08/01/2011	3.7	2.3	NA	CH2M
	11/01/2011	3.5	3.7	NA	CH2M
	02/01/2012	3.6	3.2	NA	CH2M
	04/25/2012	4.2	3.2	NA	CH2M
	04/25/2012*	4.0	3.2	NA	CH2M
	07/24/2012	4.0	3.1	NA	CH2M
	10/10/2012	4.6	3.4	NA	CH2M
	10/10/2012*	4.9	3.4	NA	CH2M
	01/17/2013	3.8	3.2	NA	CH2M
	04/09/2013	5.2	4.9	NA	CH2M
	07/15/2013	4.4	3.2	NA	CH2M
	10/15/2013	3.2	3.0	NA	CH2M
	01/15/2014	4.0	3.0	NA	CH2M
	04/16/2014	3.4	3.5	NA	CH2M
	07/23/2014	3.8	3.4	NA	CH2M
	07/23/2014*	3.7	3.4	NA	CH2M
	10/14/2014	3.9	3.3	NA	CH2M
	01/20/2015	4.1	2.9	NA	CH2M
	04/07/2015	3.4	2.9	NA	CH2M
	07/21/2015	3.3	3.4	NA	CH2M
	10/19/2015	3.3	3.1	NA	Arcadis
	01/08/2016	4.1	3.3	NA	Arcadis
	04/08/2016	5.7	3.6	NA	Arcadis
	05/04/2016	3.6	3.7	NA	Arcadis
	07/12/2016	4.0	3.7	NA	Arcadis
	10/07/2016	3.4	3.0	NA	Arcadis
	01/04/2017	3.2	2.8	NA	Arcadis
	04/11/2017	4.0	3.4	NA	Arcadis
	07/14/2017	3.2	2.8	NA	Arcadis
	10/18/2017	2.6	2.7	NA	Arcadis
	01/11/2018	3.2	2.3	NA	Arcadis
	04/10/2018	2.3	1.9	NA	Arcadis
	07/11/2018	2.8	2.1	NA	Arcadis
	10/17/2018	3.5	2.3	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-32S	01/09/2019	4.2	1.6	NA	Arcadis
	04/11/2019	3.8	1.3	NA	Arcadis
	06/06/2019	2.5	1.1	NA	Arcadis
	07/09/2019	2.1	1.2	NA	Arcadis
	07/09/2019*	2.0	1.2	NA	Arcadis
	10/16/2019	2.7	0.87	NA	Arcadis
	01/06/2020	4.5	0.98	NA	Arcadis
	03/04/2020	3.0	0.9	NA	Arcadis
	04/08/2020	2.0	1.0	NA	Arcadis
	07/07/2020	1.8	0.93	NA	Arcadis
	10/14/2020	1.6	0.97	NA	Arcadis
	01/19/2021	1.1	0.93	NA	Arcadis
	04/09/2021	ND (1.0)	0.97	NA	Arcadis
No. of Samples: 50					
MW-33A	07/14/2003	4.1	1.6	NA	CH2M
	08/06/2003	4.4	1.7	NA	CH2M
	09/02/2004	4.81	2.31	NA	CH2M
	02/08/2005	8.91	0.92	NA	CH2M
	08/22/2005	3.05	1.75	NA	CH2M
	02/20/2006	3.67	1.76	NA	CH2M
	08/10/2006	1.72	1.9	NA	CH2M
	02/21/2007	1.91	1.75	NA	CH2M
	08/20/2007	1.33	1.58	NA	CH2M
	02/18/2008	1.56	1.63	NA	CH2M
	08/11/2008	1.67	1.44	NA	CH2M
	08/11/2008*	1.74	1.4	NA	CH2M
	02/06/2009	1.76	1.6	NA	CH2M
	08/12/2009	1.92	1.54	NA	CH2M
	02/11/2010	1.94	1.27	NA	CH2M
	08/06/2010	1.5	1.5	NA	CH2M
	01/28/2011	1.7	1.4	NA	CH2M
	08/01/2011	1.7	1.6	NA	CH2M
	01/30/2012	2.4	1.7	NA	CH2M
	07/24/2012	1.8	1.7	NA	CH2M
	01/16/2013	2.0	1.7	NA	CH2M
	07/17/2013	2.1	1.6	NA	CH2M
	01/14/2014	2.1	1.7	NA	CH2M
	07/08/2014	1.9	1.8	NA	CH2M
	01/07/2015	1.8	2.0	NA	CH2M
	07/14/2015	1.7	1.9	NA	CH2M
	01/21/2016	2.2	1.8	NA	Arcadis
No. of Samples: 27					
MW-33B	07/14/2003	2.1	0.94	NA	CH2M
	08/06/2003	3.0	1.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-33B	09/02/2004	3.18	1.71	NA	CH2M
	02/08/2005	5.26	1.49	NA	CH2M
	08/22/2005	2.18	1.65	NA	CH2M
	02/20/2006	2.86	1.74	NA	CH2M
	08/10/2006	1.52	2.07	NA	CH2M
	02/22/2007	ND (1.53)	1.68	NA	CH2M
	08/20/2007	1.46	1.66	NA	CH2M
	02/18/2008	1.72	1.69	NA	CH2M
	08/11/2008	1.65	1.44	NA	CH2M
	02/06/2009	1.97	1.65	NA	CH2M
	08/12/2009	1.6	1.66	NA	CH2M
	02/11/2010	2.02	1.39	NA	CH2M
	08/06/2010	1.6	1.7	NA	CH2M
	01/28/2011	2.0	1.7	NA	CH2M
	08/01/2011	1.7	1.7	NA	CH2M
	01/30/2012	2.3	1.7	NA	CH2M
	01/30/2012*	2.2	1.7	NA	CH2M
	07/24/2012	2.2	1.6	NA	CH2M
	01/16/2013	1.9	1.6	NA	CH2M
	01/16/2013*	1.8	1.6	NA	CH2M
	07/17/2013	1.8	1.5	NA	CH2M
	01/14/2014	2.0	1.6	NA	CH2M
	07/08/2014	1.6	1.6	NA	CH2M
	01/07/2015	1.7	1.8	NA	CH2M
	07/14/2015	1.6	1.6	NA	CH2M
	01/21/2016	1.8	1.7	NA	Arcadis
No. of Samples: 28					
MW-34	07/15/2003	1.7	0.46	NA	CH2M
	08/05/2003	2.5	0.2	NA	CH2M
	08/25/2004	2.09	ND (0.2)	NA	CH2M
	02/08/2005	2.8	ND (0.2)	NA	CH2M
	08/24/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/22/2006	4.03	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/21/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/19/2008	2.51	ND (0.2)	NA	CH2M
	08/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	0.24	NA	CH2M
	08/03/2010	ND (1.0)	0.25	NA	CH2M
	01/27/2011	ND (1.0)	0.21	NA	CH2M
	06/29/2011	ND (1.0)	0.44	NA	CH2M
	06/29/2011*	ND (1.0)	0.36	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-34	08/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/28/2011	ND (1.0)	0.17	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/25/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	0.17	NA	CH2M
	07/17/2012*	ND (1.0)	0.21	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.28)	NA	CH2M
	01/30/2013	ND (1.0)	0.12	NA	CH2M
	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	0.2	NA	CH2M
	10/15/2013	ND (1.0)	0.063	NA	CH2M
	10/15/2013*	ND (1.0)	0.069	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.17	NA	CH2M
	07/23/2014	ND (1.0)	0.16	NA	CH2M
	07/23/2014*	ND (1.0)	0.15	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.23)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.072)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.15)	NA	CH2M
	07/21/2015	ND (1.0)	ND (0.18)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.17)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/14/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		50			
MW-35	07/15/2003	3.9	1.2 J	NA	CH2M
	08/06/2003	4.4	1.4	NA	CH2M
	09/02/2004	4.82	1.44	NA	CH2M
	02/08/2005	8.24	1.13	NA	CH2M
	08/23/2005	1.37	1.17	NA	CH2M
	02/20/2006	5.61	1.25	NA	CH2M
	07/27/2006	1.88	1.45 J	NA	CH2M
	08/10/2006	1.4	1.52	NA	CH2M
	02/22/2007	ND (1.22)	1.29	NA	CH2M
	08/21/2007	1.3	1.26	NA	CH2M
	02/18/2008	1.5	1.08	NA	CH2M
	08/12/2008	1.28	1.2	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-35	02/06/2009	ND (1.0)	1.06	NA	CH2M
	08/12/2009	1.21	0.97	NA	CH2M
	11/18/2009	1.03	ND (0.89)	NA	Arcadis
	02/01/2010	1.31	0.87	NA	Arcadis
	08/24/2010	ND (1.0)	0.99	NA	CH2M
	01/27/2011	ND (1.0)	0.62	NA	CH2M
	08/04/2011	ND (1.0)	0.89	NA	CH2M
	02/03/2012	ND (1.0)	0.82	NA	CH2M
	07/24/2012	1.3	0.73	NA	CH2M
	01/16/2013	1.0	0.71	NA	CH2M
	07/17/2013	ND (1.0)	0.73	NA	CH2M
	07/17/2013*	1.0	0.72	NA	CH2M
	01/15/2014	1.1	0.66	NA	CH2M
	07/08/2014	ND (1.0)	0.69	NA	CH2M
	01/21/2015	ND (1.0)	0.82	NA	CH2M
	07/14/2015	ND (1.0)	0.82	NA	CH2M
	07/14/2015*	ND (1.0)	0.83	NA	CH2M
	01/21/2016	ND (1.0)	0.85	NA	Arcadis
	03/02/2020	ND (1.0)	0.31	NA	Arcadis
	04/08/2020	1.8	1.0	NA	Arcadis
	06/01/2020	2.2	1.4	NA	Arcadis
No. of Samples:		33			
MW-36	08/06/2003	94.1	93.7	NA	CH2M
	10/14/2003	142	147	NA	CH2M
	10/14/2003*	150	148	NA	CH2M
	02/19/2004	83.4	89.1	NA	CH2M
	04/27/2004	105	119	NA	CH2M
	06/15/2004	111	117 J	NA	CH2M
	08/25/2004	136	112	NA	CH2M
	02/11/2005	97	94.4	NA	CH2M
	08/18/2005	147	NA	112	CH2M
	02/17/2006	154	NA	150	CH2M
	08/08/2006	174	NA	181	CH2M
	10/24/2006	260	295	NA	CH2M
	02/21/2007	235	276	NA	CH2M
	08/15/2007	82.4	NA	84.6	CH2M
	02/18/2008	140	NA	152	CH2M
	08/12/2008	118	108	NA	CH2M
	02/06/2009	111	NA	99.2	CH2M
	08/11/2009	77.9	83.8	NA	CH2M
	02/11/2010	57.8	64.1	NA	CH2M
	08/20/2010	58.1	64.7	NA	CH2M
	01/28/2011	78.2	89.6	NA	CH2M
	08/04/2011	317	330	NA	CH2M
	11/02/2011	376	386	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-36	01/31/2012	79.3	73.1	NA	CH2M
	04/17/2012	218	216	NA	CH2M
	07/19/2012	60.9	62.8	NA	CH2M
	10/10/2012	52.4	55.6	NA	CH2M
	01/22/2013	36.8	39.5	NA	CH2M
	04/19/2013	150	140	NA	CH2M
	07/19/2013	300	310	NA	CH2M
	10/07/2013	120	130	NA	CH2M
	01/13/2014	110	130	NA	CH2M
	04/03/2014	29	29	NA	CH2M
	07/14/2014	87	84	NA	CH2M
	10/16/2014	68	75	NA	CH2M
	10/16/2014*	67	75	NA	CH2M
	01/07/2015	140	150	NA	CH2M
	04/16/2015	130	150	NA	CH2M
	07/23/2015	380	360	NA	CH2M
	10/20/2015	NA	440	NA	Arcadis
	10/20/2015*	460	440	NA	Arcadis
	01/13/2016	52	53	NA	Arcadis
	01/13/2016*	41	49	NA	Arcadis
	07/19/2016	110	110	NA	Arcadis
	10/31/2016	290	260	NA	Arcadis
	01/06/2017	65	66	NA	Arcadis
	01/06/2017*	71	67	NA	Arcadis
	04/19/2017	380	340	NA	Arcadis
	04/19/2017*	370	340	NA	Arcadis
	07/21/2017	44	50	NA	Arcadis
	10/19/2017	5.2	5.5	NA	Arcadis
	01/16/2018	1.8	1.9	NA	Arcadis
	01/16/2018*	1.8	1.8	NA	Arcadis
	04/20/2018	ND (1.0)	1.1	NA	Arcadis
	07/11/2019	13	15	NA	Arcadis
	09/05/2019	26	25	NA	Arcadis
	11/06/2019	8.4	9.1	NA	Arcadis
	01/15/2020	15	17	NA	Arcadis
	03/03/2020	9.1	10	NA	Arcadis
	04/16/2020	9.0	9.3	NA	Arcadis
	07/15/2020	7.2	7.6	NA	Arcadis
	10/21/2020	1.1	1.0	NA	Arcadis
	01/05/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2021	ND (1.0)	1.0	NA	Arcadis
No. of Samples:		64			
MW-37	08/07/2003	2.1	1.2	NA	CH2M
	10/14/2003	1.7	1.4	NA	CH2M
	09/01/2004	3.3	1.56	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-37	02/10/2005	1.94	1.46	NA	CH2M
	08/22/2005	1.78	1.36	NA	CH2M
	02/20/2006	1.7	1.41	NA	CH2M
	08/10/2006	1.6	1.45	NA	CH2M
	08/10/2006*	1.2	1.41	NA	CH2M
	02/22/2007	ND (1.07)	1.3	NA	CH2M
	02/22/2007*	ND (1.12)	1.27	NA	CH2M
	08/20/2007	1.48	1.38	NA	CH2M
	08/20/2007*	1.37	1.37	NA	CH2M
	02/18/2008	2.04	1.29	NA	CH2M
	08/06/2008	ND (1.0)	1.29	NA	CH2M
	11/12/2008	1.2	1.21	NA	Arcadis
	08/12/2009	1.28	1.26	NA	CH2M
	02/11/2010	1.74	0.92	NA	CH2M
	08/06/2010	1.3	1.3	NA	CH2M
	01/27/2011	1.1	0.98	NA	CH2M
	08/04/2011	1.4	1.1	NA	CH2M
	01/31/2012	1.3	1.0	NA	CH2M
	07/19/2012	1.2	0.73	NA	CH2M
	01/22/2013	1.3	0.92	NA	CH2M
	07/30/2013	1.6	1.0	NA	CH2M
	07/30/2013*	1.6	1.0	NA	CH2M
	10/07/2013	NA	1.0	NA	CH2M
	01/13/2014	3.9	0.87	NA	CH2M
	04/03/2014	NA	1.0	NA	CH2M
	07/09/2014	1.3	0.98	NA	CH2M
	10/15/2014	NA	1.1	NA	CH2M
	01/07/2015	1.1	1.1	NA	CH2M
	04/10/2015	NA	ND (1.1)	NA	CH2M
	07/20/2015	1.5	1.3	NA	CH2M
	07/20/2015*	1.5	1.3	NA	CH2M
	10/19/2015	NA	1.1	NA	Arcadis
	01/11/2016	1.5	1.3	NA	Arcadis
	04/19/2016	2.1	1.3	NA	Arcadis
	07/14/2016	1.4	1.1	NA	Arcadis
	10/18/2016	1.3	1.0	NA	Arcadis
	01/05/2017	2.1	1.6	NA	Arcadis
	04/18/2017	2.4	1.0	NA	Arcadis
	06/07/2017	1.3	0.93	NA	Arcadis
	07/21/2017	1.3	1.1	NA	Arcadis
	07/21/2017*	1.3	1.0	NA	Arcadis
	11/06/2017	1.4	1.3	NA	Arcadis
	01/16/2018	3.4	1.5	NA	Arcadis
	03/07/2018	ND (1.0)	0.88	NA	Arcadis
	04/19/2018	1.1	0.85	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-37	07/18/2018	1.1	0.96	NA	Arcadis
	10/16/2018	1.5	1.3	NA	Arcadis
	01/11/2019	1.5	0.76	NA	Arcadis
	04/11/2019	1.4	0.75	NA	Arcadis
	07/09/2019	1.5	1.5	NA	Arcadis
	11/06/2019	1.1	0.64	NA	Arcadis
	11/06/2019*	1.3	0.67	NA	Arcadis
	01/15/2020	2.0	0.76	NA	Arcadis
	03/05/2020	1.4	0.76	NA	Arcadis
	04/15/2020	3.1	0.86	NA	Arcadis
	04/15/2020*	2.7	0.84	NA	Arcadis
	07/15/2020	1.0	0.85	NA	Arcadis
	10/21/2020	1.3	0.77	NA	Arcadis
	10/21/2020*	1.2	0.78	NA	Arcadis
	01/05/2021	ND (1.0)	0.67	NA	Arcadis
	04/16/2021	1.3	0.79	NA	Arcadis
No. of Samples: 64					
MW-38A	08/07/2003	50.2	51.6 J	NA	CH2M
	10/14/2003	51.6	56.3	NA	CH2M
	02/19/2004	55.5	57.7	NA	CH2M
	04/27/2004	44.1	47.3	NA	CH2M
	06/15/2004	43.2	46.7	NA	CH2M
	08/25/2004	49.7	45.4	NA	CH2M
	10/14/2004	43.5	44.7	NA	CH2M
	12/08/2004	49.1	46.6	NA	CH2M
	02/10/2005	45.9	45.7	NA	CH2M
	04/11/2005	40.5	NA	39.7	CH2M
	06/09/2005	39.1	NA	42.7	CH2M
	08/22/2005	31.6	32.7	NA	CH2M
	10/13/2005	29.3	NA	23.7	CH2M
	12/05/2005	40	NA	34.8	CH2M
	02/16/2006	40.2	41.5	NA	CH2M
	04/18/2006	43.8	NA	46.6	CH2M
	06/14/2006	33.8	41.5	NA	CH2M
	08/08/2006	36.3	NA	42.5	CH2M
	10/20/2006	34.4	NA	41.7	CH2M
	12/05/2006	33.6	NA	40.5	CH2M
	02/21/2007	36.4	38.9	NA	CH2M
	04/19/2007	38.8	NA	39.9	CH2M
	06/21/2007	42.3	NA	49.6	CH2M
	07/25/2007	43.8	42	NA	CH2M
	08/20/2007	38.2	NA	46.8	CH2M
	10/17/2007	50.6	NA	50.3	CH2M
	12/04/2007	30.8	NA	27.1	CH2M
	12/04/2007*	32.8	NA	28.2	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-38A	02/18/2008	45.4	52.4	NA	CH2M
	04/09/2008	55.8	NA	40.7	CH2M
	06/12/2008	54.7 J	NA	52.8	CH2M
	06/12/2008*	57.1	NA	53.9	CH2M
	08/06/2008	59.3	61.4	NA	CH2M
	11/07/2008	35.5	NA	31.2	CH2M
	02/04/2009	52.2	55.3	NA	CH2M
	05/13/2009	69.7	70	NA	CH2M
	06/11/2009	79	72.3	NA	CH2M
	08/12/2009	59.8	62.1	NA	CH2M
	11/11/2009	54.4	56.2	NA	CH2M
	11/11/2009*	54.8	58.2	NA	CH2M
	02/11/2010	55.4	53.2	NA	CH2M
	05/11/2010	58.8	68.9	NA	CH2M
	06/23/2010	39.1	40.8	NA	CH2M
	08/05/2010	56.5	56.3	NA	CH2M
	10/29/2010	58.1	64.5	NA	CH2M
	12/13/2010	68.6	71	NA	CH2M
	01/27/2011	55.6	55.6	NA	CH2M
	04/28/2011	53.4	60.1	NA	CH2M
	08/04/2011	45	45.4	NA	CH2M
	11/02/2011	10.7	9.7	NA	CH2M
	01/31/2012	4.9	4.4	NA	CH2M
	04/17/2012	6.3	6.2	NA	CH2M
	07/19/2012	2.5	2.2	NA	CH2M
	10/04/2012	2.0	2.0	NA	CH2M
	01/22/2013	2.0	1.8	NA	CH2M
	05/03/2013	1.2	1.2	NA	CH2M
	07/17/2013	1.6	1.6	NA	CH2M
	10/08/2013	1.4	1.5	NA	CH2M
	10/08/2013*	1.6	1.4	NA	CH2M
	01/14/2014	1.8	1.6	NA	CH2M
	04/04/2014	1.9	1.2	NA	CH2M
	07/10/2014	1.3	1.1	NA	CH2M
	10/15/2014	1.7	1.6	NA	CH2M
	01/06/2015	2.0	1.7	NA	CH2M
	04/10/2015	1.7	1.3	NA	CH2M
	07/16/2015	1.5	1.4	NA	CH2M
	10/21/2015	1.3	1.3	NA	Arcadis
	01/13/2016	5.1	0.75	NA	Arcadis
	03/03/2016	1.5	1.2	NA	Arcadis
	04/19/2016	1.9	1.3	NA	Arcadis
	04/19/2016*	2.1	1.3	NA	Arcadis
	07/15/2016	1.2	1.0	NA	Arcadis
	11/01/2016	ND (1.0)	0.73	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-38A	04/13/2017	1.2	1.1	NA	Arcadis
No. of Samples: 74					
MW-38B	08/07/2003	40.8	44.6	NA	CH2M
	08/07/2003*	40.9	44.6	NA	CH2M
	10/14/2003	43.1	47.7	NA	CH2M
	02/20/2004	47.6	51.5	NA	CH2M
	04/28/2004	47.6	46.6	NA	CH2M
	08/24/2004	42.7	44	NA	CH2M
	02/10/2005	40	38.5	NA	CH2M
	08/22/2005	15.5	15.1	NA	CH2M
	02/20/2006	10.4	10.1	NA	CH2M
	08/10/2006	7.79	8.56	NA	CH2M
	02/21/2007	36.1	38	NA	CH2M
	08/20/2007	8.0	9.25	NA	CH2M
	10/17/2007	7.66	8.56	NA	CH2M
	12/04/2007	9.91	10.7	NA	CH2M
	02/18/2008	16.8	18	NA	CH2M
	02/18/2008*	17.8	19.2	NA	CH2M
	04/10/2008	5.12	4.66	NA	CH2M
	06/12/2008	4.44	4.71	NA	CH2M
	08/12/2008	5.3	5.12	NA	CH2M
	11/12/2008	8.81	9.73	NA	Arcadis
	08/12/2009	6.94	7.03	NA	CH2M
	08/12/2009*	7.01	7.08	NA	CH2M
	02/11/2010	8.44	8.12	NA	CH2M
	08/05/2010	5.2	5.6	NA	CH2M
	08/04/2011	19.4	19.2	NA	CH2M
	01/31/2012	21.2	19.8	NA	CH2M
	07/19/2012	20.7	22.1	NA	CH2M
	07/17/2013	32	27	NA	CH2M
	10/08/2013	NA	27	NA	CH2M
	01/14/2014	NA	28	NA	CH2M
	04/04/2014	NA	29	NA	CH2M
	07/10/2014	27	28	NA	CH2M
	10/15/2014	NA	29	NA	CH2M
	01/06/2015	NA	31	NA	CH2M
	01/06/2015*	NA	30	NA	CH2M
	04/10/2015	NA	29	NA	CH2M
	07/16/2015	28	28	NA	CH2M
	10/21/2015	NA	30	NA	Arcadis
	01/13/2016	28	28	NA	Arcadis
	01/13/2016*	30	29	NA	Arcadis
	04/19/2016	29	28	NA	Arcadis
	07/15/2016	28	27	NA	Arcadis
	10/18/2016	27	24	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-38B	01/06/2017	26	24	NA	Arcadis
	04/13/2017	23	23	NA	Arcadis
	07/20/2017	19	20	NA	Arcadis
	10/19/2017	18	18	NA	Arcadis
	01/16/2018	16	15	NA	Arcadis
	04/19/2018	15	15	NA	Arcadis
	07/12/2018	13	13	NA	Arcadis
	10/19/2018	12	12	NA	Arcadis
	01/09/2019	12	11	NA	Arcadis
	04/10/2019	12	11	NA	Arcadis
	07/09/2019	10	11	NA	Arcadis
	11/06/2019	7.4	7.1	NA	Arcadis
	01/15/2020	7.9	7.7	NA	Arcadis
	04/15/2020	7.5	6.8	NA	Arcadis
	07/15/2020	7.3	6.1	NA	Arcadis
	10/21/2020	6.3	4.8	NA	Arcadis
	02/03/2021	3.9	3.3	NA	Arcadis
	05/06/2021	4.0	3.3	NA	Arcadis
No. of Samples:		61			
MW-39	08/06/2003	3.0	1.3	NA	CH2M
	10/14/2003	2.3	1.1	NA	CH2M
	09/02/2004	2.0	1.08	NA	CH2M
	02/09/2005	2.31	0.87	NA	CH2M
	08/22/2005	3.22	3.04	NA	CH2M
	02/20/2006	2.84	1.72	NA	CH2M
	08/11/2006	ND (1.0)	1.03	NA	CH2M
	02/23/2007	ND (1.0)	0.786	NA	CH2M
	08/22/2007	ND (1.0)	0.841	NA	CH2M
	02/19/2008	ND (1.0)	0.722	NA	CH2M
	08/06/2008	ND (1.0)	0.76	NA	CH2M
	08/07/2009	1.53	1.07	NA	CH2M
	02/19/2010	1.06	1.08	NA	CH2M
	08/23/2010	2.0	1.2	NA	CH2M
	01/27/2011	ND (1.0)	0.89	NA	CH2M
	08/04/2011	4.3	4.1	NA	CH2M
	09/12/2011	4.2	4.4	NA	CH2M
	11/02/2011	3.7	2.9	NA	CH2M
	12/14/2011	2.1	1.8	NA	CH2M
	01/31/2012	1.5	1.2	NA	CH2M
	04/17/2012	1.4	1.0	NA	CH2M
	07/19/2012	1.1	0.76	NA	CH2M
	10/08/2012	ND (1.0)	0.77	NA	CH2M
	01/21/2013	ND (1.0)	0.72	NA	CH2M
	04/18/2013	ND (1.0)	0.83	NA	CH2M
	08/02/2013	ND (1.0)	1.0	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-39	10/07/2013	ND (1.0)	0.81	NA	CH2M
	01/13/2014	5.2	5.5	NA	CH2M
	04/04/2014	1.2	1.2	NA	CH2M
	07/10/2014	ND (1.0)	0.97	NA	CH2M
	10/17/2014	13	13	NA	CH2M
	01/08/2015	20	22	NA	CH2M
	04/14/2015	13	13	NA	CH2M
	07/23/2015	24	25	NA	CH2M
	10/20/2015	23	24	NA	Arcadis
	01/21/2016	24	21	NA	Arcadis
	04/20/2016	20	22	NA	Arcadis
	07/20/2016	24	22	NA	Arcadis
	01/06/2017	3.3	2.8	NA	Arcadis
	07/24/2017	2.0	2.1	NA	Arcadis
	01/23/2018	8.0	7.7	NA	Arcadis
	07/10/2018	9.5	9.6	NA	Arcadis
	10/17/2018	1.1	0.79	NA	Arcadis
	01/16/2019	ND (1.0)	0.31	NA	Arcadis
	05/08/2019	ND (1.0)	0.27	NA	Arcadis
	07/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		52			
MW-39D	08/02/2013	NA	22	NA	CH2M
	10/07/2013	NA	21	NA	CH2M
	01/13/2014	NA	23	NA	CH2M
	04/04/2014	NA	23	NA	CH2M
	04/04/2014*	NA	23	NA	CH2M
	07/10/2014	NA	23	NA	CH2M
	10/17/2014	NA	23	NA	CH2M
	01/08/2015	NA	25	NA	CH2M
	04/14/2015	NA	27	NA	CH2M
	07/23/2015	NA	27	NA	CH2M
	10/20/2015	NA	28	NA	Arcadis
	01/13/2016	NA	28	NA	Arcadis
	04/20/2016	NA	30	NA	Arcadis
	07/20/2016	30	29	NA	Arcadis
	10/19/2016	35	33	NA	Arcadis
	01/06/2017	35	32	NA	Arcadis
	04/06/2017	35	37	NA	Arcadis
	07/24/2017	33	37	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-39D	10/19/2017	40	40	NA	Arcadis
	01/23/2018	43	40	NA	Arcadis
	04/19/2018	39	40	NA	Arcadis
	07/10/2018	35	35	NA	Arcadis
	10/17/2018	41	41	NA	Arcadis
	01/14/2019	7.8	1.3	NA	Arcadis
	03/05/2019	1.3	0.96	NA	Arcadis
	05/08/2019	ND (1.0)	0.57	NA	Arcadis
	07/11/2019	ND (1.0)	0.35	NA	Arcadis
	11/07/2019	1.6	ND (0.2)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2021	1.3	0.76	NA	Arcadis
No. of Samples:		35			
MW-40	08/08/2003	1.1	0.2	NA	CH2M
	10/13/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	ND (1.0)	0.239	NA	CH2M
	08/24/2004*	ND (1.0)	0.242	NA	CH2M
	02/10/2005	1.12	0.241	NA	CH2M
	02/10/2005*	1.04	0.234	NA	CH2M
	08/22/2005	ND (1.0)	0.229	NA	CH2M
	08/22/2005*	ND (1.0)	0.227	NA	CH2M
	02/22/2006	1.48	0.204	NA	CH2M
	02/22/2006*	1.5	0.208	NA	CH2M
	08/16/2006	ND (1.0)	0.327	NA	CH2M
	02/22/2007	ND (1.0)	0.331	NA	CH2M
	08/21/2007	ND (1.0)	0.243	NA	CH2M
	02/18/2008	ND (1.0)	0.227	NA	CH2M
	08/06/2008	ND (1.0)	0.24	NA	CH2M
	08/12/2009	ND (1.0)	0.21	NA	CH2M
	11/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/11/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/11/2010	ND (1.0)	0.22	NA	CH2M
	08/20/2010	ND (1.0)	0.24	NA	CH2M
	10/27/2010	ND (1.0)	0.27	NA	CH2M
	01/26/2011	ND (1.0)	0.35	NA	CH2M
	04/06/2011	ND (1.0)	0.31	NA	CH2M
	08/04/2011	ND (1.0)	0.27	NA	CH2M
	01/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016	ND (1.0)	0.23	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 26					
MW-41A	08/08/2003	2.8	2.1	NA	CH2M
	10/13/2003	1.8	2.1	NA	CH2M
	02/17/2004	4.8	1.8	NA	CH2M
	09/01/2004	5.07	2.31	NA	CH2M
	02/07/2005	4.49	2.87	NA	CH2M
	08/18/2005	2.44	2.43	NA	CH2M
	02/15/2006	3.46	2.29	NA	CH2M
	08/10/2006	2.16	2.59	NA	CH2M
	02/15/2007	2.13	2.14	NA	CH2M
	08/15/2007	2.22	2.34	NA	CH2M
	02/13/2008	2.3	2.26	NA	CH2M
	08/06/2008	2.27	2.47	NA	CH2M
	08/06/2008*	2.56	2.44	NA	CH2M
	08/05/2009	2.75	2.69	NA	CH2M
	08/02/2010	2.6	2.7	NA	CH2M
	01/28/2011	3.0	2.7	NA	CH2M
	08/04/2011	3.0	2.8	NA	CH2M
	01/31/2012	2.8	2.6	NA	CH2M
	07/17/2012	2.5	2.6	NA	CH2M
	07/17/2012*	2.4	2.6	NA	CH2M
	01/28/2013	2.9	2.8	NA	CH2M
	07/09/2013	3.3	2.6	NA	CH2M
	01/15/2014	3.0	2.5	NA	CH2M
	01/15/2014*	3.0	2.5	NA	CH2M
	07/22/2014	2.9	2.7	NA	CH2M
	01/22/2015	2.8	2.9	NA	CH2M
	07/10/2015	2.4	2.6	NA	CH2M
No. of Samples: 27					
MW-41B	08/08/2003	4.1	2.9	NA	CH2M
	10/13/2003	2.1	3.0	NA	CH2M
	02/17/2004	6.1	2.9	NA	CH2M
	09/01/2004	6.39	2.64	NA	CH2M
	02/07/2005	5.13	3.65	NA	CH2M
	08/18/2005	3.18	3.02	NA	CH2M
	02/15/2006	4.96	3.05	NA	CH2M
	08/10/2006	2.44	3.24	NA	CH2M
	02/15/2007	2.73	2.9	NA	CH2M
	08/15/2007	2.61	2.83	NA	CH2M
	02/13/2008	2.98	2.89	NA	CH2M
	08/06/2008	2.62	2.48	NA	CH2M
	08/05/2009	2.89	2.74	NA	CH2M
	08/02/2010	2.9	2.6	NA	CH2M
	01/28/2011	3.4	2.9	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-41B	08/04/2011	2.9	2.6	NA	CH2M
	01/31/2012	2.7	2.4	NA	CH2M
	07/17/2012	2.1	2.2	NA	CH2M
	01/28/2013	2.6	2.5	NA	CH2M
	07/09/2013	2.9	2.3	NA	CH2M
	01/15/2014	3.0	2.4	NA	CH2M
	07/22/2014	3.0	2.6	NA	CH2M
	01/22/2015	2.5	2.7	NA	CH2M
	07/10/2015	2.4	2.6	NA	CH2M
No. of Samples: 24					
MW-41S	10/28/2010	10.1	10.3	NA	CH2M
	01/13/2011	11.7	10.8	NA	CH2M
	04/28/2011	12.4	10	NA	CH2M
	08/04/2011	11	10.5	NA	CH2M
	11/02/2011	11.8	10.6	NA	CH2M
	01/31/2012	12.7	11.2	NA	CH2M
	04/17/2012	11.2	11.2	NA	CH2M
	07/17/2012	10.7	10.8	NA	CH2M
	10/04/2012	13.8	12.6	NA	CH2M
	01/17/2013	11.8	12.2	NA	CH2M
	04/09/2013	12.2	11.6	NA	CH2M
	07/09/2013	11.5	10.5	NA	CH2M
	10/15/2013	11.9	11.5	NA	CH2M
	01/15/2014	13	10.9	NA	CH2M
	04/16/2014	12	12	NA	CH2M
	07/22/2014	14	11	NA	CH2M
	10/10/2014	11	12	NA	CH2M
	01/22/2015	11	12	NA	CH2M
	01/22/2015*	11	12	NA	CH2M
	04/08/2015	11	11	NA	CH2M
	07/10/2015	11	11	NA	CH2M
	10/13/2015	11	11	NA	Arcadis
	01/12/2016	10	10	NA	Arcadis
	04/11/2016	14	7.0	NA	Arcadis
	07/13/2016	10	9.8	NA	Arcadis
	10/07/2016	11	10	NA	Arcadis
	01/18/2017	10	9.8	NA	Arcadis
	04/07/2017	9.4	9.7	NA	Arcadis
	07/17/2017	10	9.6	NA	Arcadis
	10/18/2017	9.5	9.3	NA	Arcadis
	01/10/2018	4.3	3.4	NA	Arcadis
	04/18/2018	9.1	9.5	NA	Arcadis
	07/11/2018	12	8.5	NA	Arcadis
	10/18/2018	11	10	NA	Arcadis
	01/09/2019	ND (1.0)	0.89	NA	Arcadis

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-41S	04/05/2019	10	10	NA	Arcadis
	07/10/2019	11	9.8	NA	Arcadis
	10/23/2019	11	9.6	NA	Arcadis
	01/14/2020	8.7	7.7	NA	Arcadis
	04/10/2020	9.6	9.8	NA	Arcadis
	07/08/2020	15	7.5	NA	Arcadis
	10/14/2020	4.1	3.6	NA	Arcadis
	01/21/2021	9.6	9.1	NA	Arcadis
	04/14/2021	8.3	8.4	NA	Arcadis
No. of Samples: 44					
MW-42B1	03/23/2004	34.8	30.8	NA	CH2M
	03/23/2004*	37.2	31	NA	CH2M
	04/29/2004	30	28.2	NA	CH2M
	09/01/2004	36.3	29.8	NA	CH2M
	10/14/2004	22.9	27.4	NA	CH2M
	02/03/2005	24.4	NA	25.4	CH2M
	04/12/2005	29	28	NA	CH2M
	08/16/2005	26.2	26.5	NA	CH2M
	10/11/2005	28.2	NA	29	CH2M
	02/14/2006	37.4	34.9	NA	CH2M
	04/19/2006	42.8	NA	38.2	CH2M
	08/14/2006	37.2	NA	45.6	CH2M
	12/06/2006	34.1	NA	39.3	CH2M
	02/15/2007	31.6	34.6	NA	CH2M
	04/12/2007	37.6	33.5	NA	CH2M
	08/16/2007	30.9	32	NA	CH2M
	12/10/2007	31	30	NA	CH2M
	02/13/2008	28.3	29.2	NA	CH2M
	04/09/2008	28	28.9	NA	CH2M
	08/13/2008	30.4	30.5	NA	CH2M
	11/06/2008	29.1	29.7	NA	CH2M
	02/04/2009	30.1	29.6	NA	CH2M
	05/14/2009	25.4	27.9	NA	CH2M
	08/11/2009	34.6	29.2	NA	CH2M
	11/11/2009	26.7	26.3	NA	CH2M
	02/09/2010	28.4	24.4	NA	CH2M
	05/12/2010	25.8	27.8	NA	CH2M
	08/19/2010	29.2	33.7	NA	CH2M
	10/27/2010	30.6	30.7	NA	CH2M
	01/26/2011	31.4	30.4	NA	CH2M
	05/06/2011	32.4	31.4	NA	CH2M
	08/08/2011	33.8	37.3	NA	CH2M
	11/01/2011	36.3	38.3	NA	CH2M
	11/01/2011*	37.4	38.4	NA	CH2M
	01/13/2012	32.6	31.5	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-42B1	04/09/2012	33.2	35.5	NA	CH2M
	04/09/2012*	33.8	35.5	NA	CH2M
	07/24/2012	35	38.4	NA	CH2M
	10/17/2012	37	38.5	NA	CH2M
	01/24/2013	39.5	36.6	NA	CH2M
	01/24/2013*	40.1	36.5	NA	CH2M
	04/16/2013	35	37.4	NA	CH2M
	07/31/2013	38.7	36.7	NA	CH2M
	10/14/2013	35.8	37.5	NA	CH2M
	01/24/2014	33.6	34.4	NA	CH2M
	04/14/2014	29	30	NA	CH2M
	07/25/2014	33	33	NA	CH2M
	10/10/2014	35	39	NA	CH2M
	01/19/2015	38	41	NA	CH2M
	04/08/2015	40	38	NA	CH2M
	07/22/2015	39	40	NA	CH2M
	10/20/2015	33	32	NA	Arcadis
	01/12/2016	22	21	NA	Arcadis
	07/15/2016	14	15	NA	Arcadis
	01/05/2017	12	12	NA	Arcadis
	01/05/2017*	12	12	NA	Arcadis
	07/21/2017	7.1	8.1	NA	Arcadis
	10/17/2017	8.8	9.2	NA	Arcadis
	04/11/2018	8.2	8.1	NA	Arcadis
	10/10/2018	6.2	6.4	NA	Arcadis
	04/04/2019	3.8	3.8	NA	Arcadis
	04/04/2019*	3.6	3.8	NA	Arcadis
	10/16/2019	3.7	3.3	NA	Arcadis
	04/10/2020	4.5	3.9	NA	Arcadis
	10/14/2020	6.5	6.0	NA	Arcadis
	04/08/2021	4.7	4.6	NA	Arcadis
No. of Samples: 66					
MW-42B2	03/11/2004	42.3	42.8	NA	CH2M
	04/29/2004	44.2	38.3 J	NA	CH2M
	04/29/2004*	43.8	38.4	NA	CH2M
	09/01/2004	39.1	34.3	NA	CH2M
	09/01/2004*	41.3	38	NA	CH2M
	10/14/2004	34.3	34.1	NA	CH2M
	02/03/2005	31.8	NA	32.8	CH2M
	02/03/2005*	29.2	NA	30.6	CH2M
	04/12/2005	36.1	36.2	NA	CH2M
	08/16/2005	28.6	28.8	NA	CH2M
	10/11/2005	28.5	NA	30.1	CH2M
	02/14/2006	31.9	29.7	NA	CH2M
	04/19/2006	35.8	NA	29.8	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-42B2	08/14/2006	27.4	NA	29.9	CH2M
	08/14/2006*	25.2	NA	38.3	CH2M
	12/06/2006	22.8	NA	27.5	CH2M
	02/15/2007	23.6	23.8	NA	CH2M
	02/15/2007*	23.9	23.9	NA	CH2M
	04/12/2007	25	22.7	NA	CH2M
	08/16/2007	21	21.1	NA	CH2M
	12/10/2007	24.9	20.3	NA	CH2M
	02/13/2008	18.6	20.2	NA	CH2M
	04/09/2008	20.9	21.5	NA	CH2M
	08/13/2008	21.4	21.7	NA	CH2M
	11/06/2008	22.5	23.5	NA	CH2M
	11/06/2008*	22.8	23.5	NA	CH2M
	02/04/2009	25.4	26.8	NA	CH2M
	03/05/2009	21.5	26.6	NA	CH2M
	05/14/2009	27.4	26.8	NA	CH2M
	08/11/2009	32.3	31	NA	CH2M
	11/11/2009	34.1	34.7	NA	CH2M
	02/09/2010	31	31.4	NA	CH2M
	05/12/2010	33.1	36.1	NA	CH2M
	05/12/2010*	35.9	36.8	NA	CH2M
	08/19/2010	41.8	43.2	NA	CH2M
	08/19/2010*	37.8	45.6	NA	CH2M
	10/27/2010	43.4	42.1	NA	CH2M
	10/27/2010*	42.8	43	NA	CH2M
	01/25/2011	45.3	44.8	NA	CH2M
	01/25/2011*	44.5	44.1	NA	CH2M
	05/06/2011	46.8	49.2	NA	CH2M
	08/08/2011	48.6	50	NA	CH2M
	11/01/2011	49.9	51.6	NA	CH2M
	01/13/2012	53.9	54.6	NA	CH2M
	04/09/2012	48.3	50.2	NA	CH2M
	07/24/2012	47.3	49.6	NA	CH2M
	10/17/2012	52	49.2	NA	CH2M
	01/24/2013	54.4	52.4	NA	CH2M
	04/15/2013	52.1	50.4	NA	CH2M
	07/31/2013	49.2	47.6	NA	CH2M
	10/14/2013	43	48.6	NA	CH2M
	01/24/2014	47.6	47.2	NA	CH2M
	01/24/2014*	45.2	46.9	NA	CH2M
	04/14/2014	47	49	NA	CH2M
	04/14/2014*	48	49	NA	CH2M
	07/25/2014	48	45	NA	CH2M
	10/10/2014	48	50	NA	CH2M
	01/19/2015	50	52	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-42B2	04/08/2015	50	50	NA	CH2M
	07/22/2015	48	48	NA	CH2M
	10/20/2015	46	48	NA	Arcadis
	01/12/2016	48	47	NA	Arcadis
	07/15/2016	28	30	NA	Arcadis
	01/05/2017	14	15	NA	Arcadis
	07/21/2017	8.1	9.1	NA	Arcadis
	10/17/2017	8.2	9.1	NA	Arcadis
	04/11/2018	5.9	5.6	NA	Arcadis
	10/10/2018	6.3	6.6	NA	Arcadis
	04/04/2019	5.8	6.4	NA	Arcadis
	10/16/2019	5.0	4.7	NA	Arcadis
	04/10/2020	5.4	5.1	NA	Arcadis
	10/14/2020	4.6	4.1	NA	Arcadis
	04/08/2021	5.1	4.9	NA	Arcadis
No. of Samples: 73					
MW-42C	02/07/2011	7.3	7.5	NA	CH2M
	02/07/2011*	7.1	7.5	NA	CH2M
	05/06/2011	16	14.9	NA	CH2M
	08/08/2011	14.9	15.4	NA	CH2M
	11/01/2011	15.7	15.2	NA	CH2M
	02/01/2012	13.1	12	NA	CH2M
	04/17/2012	9.7	9.2	NA	CH2M
	07/19/2012	8.4	8.5	NA	CH2M
	10/04/2012	10.3	9.4	NA	CH2M
	01/17/2013	9.7	9.9	NA	CH2M
	01/17/2013*	9.4	9.8	NA	CH2M
	04/16/2013	9.2	9.3	NA	CH2M
	07/15/2013	8.6	8.0	NA	CH2M
	10/15/2013	8.8	8.6	NA	CH2M
	01/22/2014	6.2	5.4	NA	CH2M
	04/14/2014	9.0	9.0	NA	CH2M
	04/14/2014*	8.9	9.0	NA	CH2M
	07/25/2014	8.5	7.9	NA	CH2M
	10/10/2014	7.3	8.0	NA	CH2M
	01/19/2015	7.6	7.7	NA	CH2M
	04/08/2015	7.2	7.3	NA	CH2M
	07/22/2015	6.5	6.2	NA	CH2M
	10/14/2015	6.1	6.6	NA	Arcadis
	01/12/2016	6.0	6.1	NA	Arcadis
	04/12/2016	6.6	6.1	NA	Arcadis
	07/15/2016	5.6	5.6	NA	Arcadis
	10/06/2016	6.0	4.8	NA	Arcadis
	04/10/2017	4.7	3.1	NA	Arcadis
	06/05/2017	2.3	2.7	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-42C	10/17/2017	2.9	2.0	NA	Arcadis
	04/11/2018	2.2	1.7	NA	Arcadis
	10/10/2018	2.8	2.2	NA	Arcadis
	04/04/2019	2.8	2.3	NA	Arcadis
	04/04/2019*	2.8	2.4	NA	Arcadis
	10/16/2019	3.4	2.0	NA	Arcadis
	12/05/2019	1.7	0.22	NA	Arcadis
	04/10/2020	2.2	1.8	NA	Arcadis
	10/14/2020	3.1	2.7	NA	Arcadis
	04/08/2021	2.7	2.2	NA	Arcadis
No. of Samples:		39			
MW-43	04/08/2004	2.9	1.6	NA	CH2M
	04/29/2004	3.4	1.6	NA	CH2M
	07/14/2004	2.6	1.6	NA	CH2M
	08/27/2004	4.46	2.16	NA	CH2M
	02/04/2005	9.1	8.05	NA	CH2M
	05/04/2005	10.9	9.93	NA	CH2M
	08/17/2005	10.9	9.8	NA	CH2M
	10/12/2005	7.81	5.1	NA	CH2M
	12/09/2005	8.3	7.69	NA	CH2M
	02/14/2006	8.72	6.78	NA	CH2M
	04/19/2006	19.9	16.4	NA	CH2M
	08/14/2006	23.8	28.4	NA	CH2M
	10/18/2006	23	26.1	NA	CH2M
	12/07/2006	23.6	27.1	NA	CH2M
	02/15/2007	26.9	28.1	NA	CH2M
	04/12/2007	29.1	27.9	NA	CH2M
	06/18/2007	25.7	28.4	NA	CH2M
	08/16/2007	23.4	24.4	NA	CH2M
	08/16/2007*	26.5	24.3	NA	CH2M
	10/16/2007	23.5	27.8	NA	CH2M
	12/10/2007	21.9	23.1	NA	CH2M
	12/10/2007*	22.3	22.9	NA	CH2M
	02/13/2008	19.5	20.2	NA	CH2M
	04/09/2008	16.8	17.2	NA	CH2M
	06/10/2008	16.3	17.8	NA	CH2M
	08/12/2008	16.1	14	NA	CH2M
	11/05/2008	16.3	17.2	NA	CH2M
	02/04/2009	8.16	8.86	NA	CH2M
	05/14/2009	8.0	7.31	NA	CH2M
	08/10/2009	8.97	8.72	NA	CH2M
	11/10/2009	7.97	8.55	NA	CH2M
	02/09/2010	6.07	5.04	NA	CH2M
	05/12/2010	11.1	10.1	NA	CH2M
	08/19/2010	13.5	14.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-43	10/27/2010	12.7	12.8	NA	CH2M
	01/26/2011	6.3	6.4	NA	CH2M
	05/06/2011	6.6	6.2	NA	CH2M
	08/08/2011	16.8	18.4	NA	CH2M
	11/01/2011	19.2	20.4	NA	CH2M
	01/13/2012	18.7	17.3	NA	CH2M
	01/13/2012*	19.6	17.4	NA	CH2M
	04/09/2012	17.7	18.8	NA	CH2M
	07/24/2012	14.3	15.4	NA	CH2M
	10/17/2012	15	15	NA	CH2M
	01/24/2013	7.8	7.0	NA	CH2M
	04/15/2013	15.5	15.5	NA	CH2M
	07/31/2013	9.8	9.1	NA	CH2M
	10/14/2013	12.9	14.1	NA	CH2M
	01/24/2014	12.9	13.3	NA	CH2M
	04/14/2014	8.6	9.0	NA	CH2M
	07/17/2014	11	10	NA	CH2M
	10/10/2014	4.5	5.2	NA	CH2M
	01/20/2015	3.4	3.4	NA	CH2M
	04/07/2015	3.3	3.6	NA	CH2M
	04/07/2015*	3.5	3.7	NA	CH2M
	07/21/2015	3.5	3.9	NA	CH2M
	10/14/2015	3.4	3.8	NA	Arcadis
	01/12/2016	8.0	8.4	NA	Arcadis
	03/03/2016	5.5	5.3	NA	Arcadis
	04/12/2016	3.6	3.4	NA	Arcadis
	07/13/2016	2.6	2.6	NA	Arcadis
	10/19/2016	1.7	1.9	NA	Arcadis
	01/04/2017	2.2	1.9	NA	Arcadis
	04/10/2017	4.1	4.2	NA	Arcadis
	06/05/2017	1.9	1.9	NA	Arcadis
	07/13/2017	2.1	2.3	NA	Arcadis
	10/10/2017	2.6	2.0	NA	Arcadis
	04/11/2018	1.9	1.7	NA	Arcadis
	10/12/2018	3.1	2.1	NA	Arcadis
	04/04/2019	2.3	2.2	NA	Arcadis
	10/15/2019	2.9	2.4	NA	Arcadis
	04/23/2020	2.6	2.4	NA	Arcadis
	10/13/2020	2.7	2.3	NA	Arcadis
	04/08/2021	2.5	2.2	NA	Arcadis
No. of Samples:		74			
MW-44A	03/11/2004	6.2	5.6	NA	CH2M
	04/26/2004	5.9	6.3	NA	CH2M
	08/25/2004	5.55	3.73	NA	CH2M
	02/08/2005	20.8	19.2	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-44A	08/22/2005	26.8	26.4	NA	CH2M
	12/09/2005	11.6	NA	ND (10)	CH2M
	02/17/2006	12.6	11.8	NA	CH2M
	04/19/2006	15.7	14.1	NA	CH2M
	04/19/2006*	15.5	14	NA	CH2M
	06/13/2006	11.7	14.8	NA	CH2M
	08/09/2006	12.8	11.8	NA	CH2M
	10/19/2006	11.4	13.1	NA	CH2M
	12/06/2006	10.8	12.7	NA	CH2M
	02/22/2007	14.6	16.6	NA	CH2M
	04/13/2007	19.2	17.8	NA	CH2M
	06/20/2007	22.4	23.6	NA	CH2M
	07/25/2007	25.9	22.9	NA	CH2M
	08/20/2007	20.8	22.8	NA	CH2M
	10/18/2007	18	19.3	NA	CH2M
	12/04/2007	14.2	14.8	NA	CH2M
	02/14/2008	17.7	12.2	NA	CH2M
	04/11/2008	16.6	19	NA	CH2M
	06/09/2008	19.9	17.9	NA	CH2M
	08/12/2008	13.5	15.3	NA	CH2M
	12/17/2009	4.43	4.25 J	NA	CH2M
	12/17/2009*	4.29	3.47 J	NA	CH2M
	03/25/2010	2.65	2.66	NA	CH2M
	05/13/2010	2.7	2.4	NA	CH2M
	08/03/2010	2.6	3.2	NA	CH2M
	10/26/2010	2.1	1.9	NA	CH2M
	01/25/2011	1.6	1.6	NA	CH2M
	04/07/2011	2.5	2.0	NA	CH2M
	09/06/2011	2.3	1.6	NA	CH2M
	11/10/2011	1.9	2.1	NA	CH2M
	02/01/2012	2.2	1.8	NA	CH2M
	05/07/2013	2.1	1.7	NA	CH2M
	07/10/2013	2.0	1.5	NA	CH2M
	10/09/2013	1.9	1.7	NA	CH2M
No. of Samples:		38			
MW-44B	03/11/2004	28.4	29.6	NA	CH2M
	04/09/2004	28.5	31.6	NA	CH2M
	04/26/2004	27.4	32.6	NA	CH2M
	04/26/2004*	26.9	32.5	NA	CH2M
	08/25/2004	27.1	24.7	NA	CH2M
	08/25/2004*	27	24.1	NA	CH2M
	10/14/2004	25.6	27.6	NA	CH2M
	10/14/2004*	26.6	27.6	NA	CH2M
	12/08/2004	35.5	31.6	NA	CH2M
	12/08/2004*	33.9	31.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-44B	02/08/2005	39.3	40.7	NA	CH2M
	02/08/2005*	40.2	41.2	NA	CH2M
	04/14/2005	45.6	NA	40.8	CH2M
	06/09/2005	38.4	NA	37.3	CH2M
	08/22/2005	30.5	29.5	NA	CH2M
	08/22/2005*	31	29.2	NA	CH2M
	10/14/2005	17	NA	14.2	CH2M
	10/14/2005*	16.7	NA	12.1	CH2M
	12/05/2005	17.8	NA	11.4	CH2M
	02/17/2006	17.1	16	NA	CH2M
	02/17/2006*	16.6	16	NA	CH2M
	04/19/2006	13.3	11.2	NA	CH2M
	06/13/2006	11.8	15	NA	CH2M
	08/09/2006	10.6	12.4	NA	CH2M
	08/09/2006*	11.5	12.3	NA	CH2M
	10/19/2006	5.91	6.76	NA	CH2M
	12/06/2006	7.82	9.7	NA	CH2M
	02/22/2007	15.6	17.7	NA	CH2M
	02/22/2007*	15.5	17.6	NA	CH2M
	04/13/2007	22.8	21.7	NA	CH2M
	06/20/2007	18.9	19.5	NA	CH2M
	08/20/2007	11.7	12.7	NA	CH2M
	08/20/2007*	11.7	12.7	NA	CH2M
	10/18/2007	9.25	10.1	NA	CH2M
	12/04/2007	14.4	14.6	NA	CH2M
	02/14/2008	18	13.7	NA	CH2M
	04/11/2008	19.1	20.4	NA	CH2M
	04/11/2008*	19	20.5	NA	CH2M
	06/09/2008	17.4	17.6	NA	CH2M
	08/06/2008	6.42	6.41	NA	CH2M
	12/17/2009	5.19	5.65	NA	CH2M
	03/25/2010	3.67	4.19	NA	CH2M
	05/13/2010	4.2	4.0	NA	CH2M
	08/03/2010	3.6	4.0	NA	CH2M
	10/26/2010	4.3	3.3	NA	CH2M
	01/25/2011	3.1	3.4	NA	CH2M
	04/07/2011	4.3	3.6	NA	CH2M
	09/06/2011	3.5	3.5	NA	CH2M
	11/10/2011	3.4	3.5	NA	CH2M
	02/01/2012	3.0	3.1	NA	CH2M
	05/07/2013	2.6	2.3	NA	CH2M
	07/10/2013	2.4	2.2	NA	CH2M
	10/09/2013	2.2	2.1	NA	CH2M
	01/15/2014	2.3	1.9	NA	CH2M
	04/02/2014	2.5	2.2	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-44B	07/08/2014	2.1	2.1	NA	CH2M
	10/15/2014	2.4	2.1	NA	CH2M
	01/15/2015	2.0	2.0	NA	CH2M
	04/10/2015	2.3	1.9	NA	CH2M
	07/16/2015	1.8	1.9	NA	CH2M
	10/21/2015	2.1	1.9	NA	Arcadis
	01/13/2016	3.3	1.8	NA	Arcadis
	01/13/2016*	3.2	1.8	NA	Arcadis
	02/29/2016	2.1	1.7	NA	Arcadis
	04/20/2016	2.0	1.9	NA	Arcadis
	07/15/2016	2.3	1.6	NA	Arcadis
	10/18/2016	1.7	1.6	NA	Arcadis
	04/17/2017	2.2	1.6	NA	Arcadis
	10/13/2017	1.6	1.6	NA	Arcadis
	04/11/2018	2.2	1.5	NA	Arcadis
	10/19/2018	1.9	1.5	NA	Arcadis
	04/10/2019	1.6	1.5	NA	Arcadis
	10/21/2019	1.9	1.3	NA	Arcadis
	04/15/2020	2.0	1.4	NA	Arcadis
	10/21/2020	1.8	1.3	NA	Arcadis
	04/15/2021	2.1	1.3	NA	Arcadis
No. of Samples: 76					
MW-45A	03/12/2004	2.5	1.9	NA	CH2M
	04/26/2004	4.0	4.0	NA	CH2M
	09/01/2004	4.36	2.0	NA	CH2M
	02/07/2005	6.0	5.03	NA	CH2M
	08/18/2005	25.8	26.6	NA	CH2M
	10/14/2005	24.8	22.4	NA	CH2M
	12/07/2005	22.7	22	NA	CH2M
	02/15/2006	26	25.6	NA	CH2M
	04/19/2006	21.7	19.3	NA	CH2M
	06/13/2006	17.2	19.4	NA	CH2M
	08/10/2006	20.1	22.5	NA	CH2M
	10/18/2006	19.4	21.1	NA	CH2M
	12/05/2006	22.1	26.2	NA	CH2M
	02/13/2007	24.7	25.1	NA	CH2M
	04/12/2007	31.6	29.7	NA	CH2M
	06/19/2007	33.6	36.5	NA	CH2M
	07/25/2007	42.6	41.1	NA	CH2M
	08/17/2007	44.5	45.6	NA	CH2M
	10/15/2007	50.2	52.6	NA	CH2M
	12/05/2007	45.3	50.3	NA	CH2M
	02/13/2008	49.4	59.9	NA	CH2M
	04/07/2008	48.2	53.2	NA	CH2M
	06/11/2008	53.9	NA	46.3	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-45A	08/12/2008	49.1	49.2	NA	CH2M
	11/04/2008	49.2	52.9	NA	CH2M
	02/03/2009	47.2	57.2	NA	CH2M
	05/13/2009	51.7	54	NA	CH2M
	08/10/2009	55.2	52.2	NA	CH2M
	08/10/2009*	52.5	50.3	NA	CH2M
	11/17/2009	45	46.2	NA	CH2M
	02/10/2010	41.6	43.4	NA	CH2M
	05/11/2010	45.5	42.6	NA	CH2M
	08/03/2010	40.4	42.8	NA	CH2M
	10/26/2010	39	40.3	NA	CH2M
	01/25/2011	28.6	30.8	NA	CH2M
	04/28/2011	31.7	32.6	NA	CH2M
	08/04/2011	21.9	20.5	NA	CH2M
	11/09/2011	18.2	16.8	NA	CH2M
	02/01/2012	13.7	13.5	NA	CH2M
	04/17/2012	11.2	10.5	NA	CH2M
	07/20/2012	9.1	8.1	NA	CH2M
	10/04/2012	7.5	6.8	NA	CH2M
	02/01/2013	5.3	5.0	NA	CH2M
	04/02/2013	3.9	3.8	NA	CH2M
	04/02/2013*	3.9	3.8	NA	CH2M
	07/31/2013	4.3	3.6	NA	CH2M
	07/31/2013*	4.1	3.6	NA	CH2M
	10/16/2013	2.9	2.5	NA	CH2M
	01/21/2014	2.4	2.3	NA	CH2M
	04/02/2014	3.2	3.0	NA	CH2M
	07/08/2014	2.3	2.3	NA	CH2M
	10/14/2014	2.6	2.5	NA	CH2M
	01/13/2015	2.7	3.0	NA	CH2M
	04/09/2015	3.3	3.0	NA	CH2M
	07/23/2015	2.7	2.8	NA	CH2M
	10/09/2015	2.3	2.2	NA	Arcadis
	01/12/2016	2.7	2.4	NA	Arcadis
	04/14/2016	2.7	2.4	NA	Arcadis
	07/14/2016	2.5	2.5	NA	Arcadis
	10/17/2016	1.9	1.6	NA	Arcadis
	01/05/2017	1.8	1.5	NA	Arcadis
	01/05/2017*	1.7	1.5	NA	Arcadis
	04/19/2017	1.9	1.7	NA	Arcadis
	07/19/2017	1.4	1.4	NA	Arcadis
	10/12/2017	1.3	1.3	NA	Arcadis
	01/12/2018	ND (1.0)	1.1	NA	Arcadis
	04/12/2018	1.2	1.1	NA	Arcadis
	10/16/2018	1.4	1.1	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-45A	10/16/2018*	1.3	1.1	NA	Arcadis
	04/09/2019	ND (1.0)	0.54	NA	Arcadis
	10/24/2019	1.2	1.0	NA	Arcadis
	10/24/2019*	1.3	0.96	NA	Arcadis
	04/14/2020	1.2	0.74	NA	Arcadis
	10/14/2020	1.1	0.63	NA	Arcadis
	04/07/2021	1.5	0.51	NA	Arcadis
No. of Samples: 75					
MW-45B	04/09/2004	1.3	0.6	NA	CH2M
	04/26/2004	1.2	0.56	NA	CH2M
	09/01/2004	3.53	1.04	NA	CH2M
	02/07/2005	2.76	1.11	NA	CH2M
	08/18/2005	2.35	2.08	NA	CH2M
	10/13/2005	3.78	2.37	NA	CH2M
	12/05/2005	2.36	2.26	NA	CH2M
	02/15/2006	3.87	2.79	NA	CH2M
	04/19/2006	4.0	2.35	NA	CH2M
	06/13/2006	1.49	2.08	NA	CH2M
	08/10/2006	2.33	2.48	NA	CH2M
	10/18/2006	2.67	2.61	NA	CH2M
	12/05/2006	3.06	3.44	NA	CH2M
	02/13/2007	2.72	2.37	NA	CH2M
	04/11/2007	3.97	3.26	NA	CH2M
	06/19/2007	3.67	3.6	NA	CH2M
	08/17/2007	3.44	3.34	NA	CH2M
	10/15/2007	4.21	4.31	NA	CH2M
	12/05/2007	4.1	4.32	NA	CH2M
	02/13/2008	5.77	3.72	NA	CH2M
	04/07/2008	4.96	4.75	NA	CH2M
	06/11/2008	4.58	3.81	NA	CH2M
	08/12/2008	4.62	4.26	NA	CH2M
	11/06/2008	2.26	3.03	NA	CH2M
	02/03/2009	2.9	3.4	NA	CH2M
	05/13/2009	4.61	4.52	NA	CH2M
	08/10/2009	2.78	2.84	NA	CH2M
	11/17/2009	3.16	3.04	NA	CH2M
	02/10/2010	3.23	2.82	NA	CH2M
	05/11/2010	2.0	1.6	NA	CH2M
	08/03/2010	2.7	2.3	NA	CH2M
	10/26/2010	2.1	2.0	NA	CH2M
	01/25/2011	1.8	1.9	NA	CH2M
	04/28/2011	2.2	1.9	NA	CH2M
	08/04/2011	2.4	1.8	NA	CH2M
	11/09/2011	1.7	1.7	NA	CH2M
	02/01/2012	1.6	1.6	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-45B	04/17/2012	1.8	1.5	NA	CH2M
	07/20/2012	1.4	1.3	NA	CH2M
	10/04/2012	1.7	1.5	NA	CH2M
	02/01/2013	1.8	1.4	NA	CH2M
	04/02/2013	1.6	1.3	NA	CH2M
	07/09/2013	2.0	1.2	NA	CH2M
	10/16/2013	1.7	1.3	NA	CH2M
	01/21/2014	1.5	1.3	NA	CH2M
	04/02/2014	1.5	1.4	NA	CH2M
	07/08/2014	1.4	1.3	NA	CH2M
	10/14/2014	1.5	1.2	NA	CH2M
	10/14/2014*	1.5	1.2	NA	CH2M
	01/13/2015	1.4	1.3	NA	CH2M
	04/09/2015	1.4	1.2	NA	CH2M
	07/23/2015	1.1	1.3	NA	CH2M
	10/09/2015	1.3	1.3	NA	Arcadis
	10/09/2015*	1.4	1.3	NA	Arcadis
	01/12/2016	1.8	1.2	NA	Arcadis
	04/14/2016	1.5	1.2	NA	Arcadis
	07/14/2016	1.3	1.3	NA	Arcadis
	10/17/2016	1.5	1.2	NA	Arcadis
	04/19/2017	1.3	1.2	NA	Arcadis
	10/12/2017	1.2	1.2	NA	Arcadis
	04/12/2018	1.4	1.2	NA	Arcadis
	04/12/2018*	1.3	1.3	NA	Arcadis
	10/16/2018	1.5	1.2	NA	Arcadis
	04/09/2019	1.3	1.3	NA	Arcadis
	04/09/2019*	1.4	1.3	NA	Arcadis
	10/24/2019	1.6	1.2	NA	Arcadis
	04/14/2020	1.8	1.2	NA	Arcadis
	10/14/2020	2.0	1.2	NA	Arcadis
	04/07/2021	1.8	1.2	NA	Arcadis
No. of Samples: 69					
MW-46	03/12/2004	3.4	0.26	NA	CH2M
	04/27/2004	2.3	0.3	NA	CH2M
	09/02/2004	4.45	0.427	NA	CH2M
	02/09/2005	2.83	0.38	NA	CH2M
	08/23/2005	1.81	0.54	NA	CH2M
	02/17/2006	3.43	0.602	NA	CH2M
	02/17/2006*	3.39	0.603	NA	CH2M
	08/15/2006	ND (1.0)	0.737	NA	CH2M
	02/22/2007	ND (1.12)	0.649	NA	CH2M
	08/21/2007	ND (1.0)	0.567	NA	CH2M
	02/20/2008	1.06	0.594	NA	CH2M
	08/06/2008	ND (1.0)	0.65	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-46	11/07/2008	ND (1.0)	0.78	NA	CH2M
	02/09/2009	1.95	0.64	NA	CH2M
	05/15/2009	1.11	0.68	NA	CH2M
	08/07/2009	1.76	0.63	NA	CH2M
	11/17/2009	ND (1.0)	0.61	NA	CH2M
	02/18/2010	ND (1.0)	0.62	NA	CH2M
	05/11/2010	ND (1.0)	0.65	NA	CH2M
	08/23/2010	1.2	0.7	NA	CH2M
	10/27/2010	ND (1.0)	0.66	NA	CH2M
	01/26/2011	ND (1.0)	0.64	NA	CH2M
	05/05/2011	1.1	0.6	NA	CH2M
	08/04/2011	ND (1.0)	0.58	NA	CH2M
	11/09/2011	ND (1.0)	0.62	NA	CH2M
	02/01/2012	ND (1.0)	0.51	NA	CH2M
	04/17/2012	ND (1.0)	0.51	NA	CH2M
	07/23/2012	ND (1.0)	0.5	NA	CH2M
	10/18/2012	ND (1.0)	0.5	NA	CH2M
	01/10/2013	ND (1.0)	0.61	NA	CH2M
	04/18/2013	ND (1.0)	0.61	NA	CH2M
	07/19/2013	ND (1.0)	ND (0.7)	NA	CH2M
	10/08/2013	ND (1.0)	0.65	NA	CH2M
	01/13/2014	1.2	0.48	NA	CH2M
	01/13/2014*	1.1	0.46	NA	CH2M
	04/07/2014	1.0	0.64	NA	CH2M
	07/15/2014	ND (1.0)	0.56	NA	CH2M
	10/17/2014	ND (1.0)	0.59	NA	CH2M
	01/06/2015	ND (1.0)	0.58	NA	CH2M
	04/16/2015	ND (1.0)	0.58	NA	CH2M
	07/22/2015	ND (1.0)	0.59	NA	CH2M
	10/22/2015	ND (1.0)	0.65	NA	Arcadis
	01/13/2016	NA	0.62	NA	Arcadis
	04/20/2016	1.0	0.68	NA	Arcadis
	07/19/2016	ND (1.0)	0.67	NA	Arcadis
	01/06/2017	ND (1.0)	0.62	NA	Arcadis
	07/25/2017	ND (1.0)	0.5	NA	Arcadis
	01/16/2018	1.2	0.63	NA	Arcadis
	07/18/2018	ND (1.0)	0.51	NA	Arcadis
No. of Samples:		49			
MW-46M	04/12/2019	ND (1.0)	0.83	NA	Arcadis
	07/10/2019	1.1	0.39	NA	Arcadis
	11/06/2019	1.6	0.64	NA	Arcadis
	01/14/2020	1.1	0.67	NA	Arcadis
	04/15/2020	1.2	0.68	NA	Arcadis
	07/15/2020	1.2	0.68	NA	Arcadis
	10/21/2020	3.2	0.65	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-46M	12/03/2020	1.5	0.68	NA	Arcadis
	01/19/2021	1.2	0.59	NA	Arcadis
	04/12/2021	1.6	0.65	NA	Arcadis
No. of Samples:		10			
MW-47	03/23/2004	3.3	1.6	NA	CH2M
	04/27/2004	2.2	1.8	NA	CH2M
	09/01/2004	8.24	5.82	NA	CH2M
	02/07/2005	13.6	14.8	NA	CH2M
	04/13/2005	15.1	14.4	NA	CH2M
	06/08/2005	18.2	16.8	NA	CH2M
	08/18/2005	18.2	18.1	NA	CH2M
	10/12/2005	16	15	NA	CH2M
	12/07/2005	13	12.6	NA	CH2M
	02/15/2006	10.8	9.45	NA	CH2M
	04/18/2006	10.6	8.27	NA	CH2M
	06/13/2006	6.99	8.55 J	NA	CH2M
	08/09/2006	11.3	11.3	NA	CH2M
	10/18/2006	12.3	13.9	NA	CH2M
	12/06/2006	11.7	13.8	NA	CH2M
	02/15/2007	7.73	8.11	NA	CH2M
	04/11/2007	7.77	6.67	NA	CH2M
	06/19/2007	7.79	8.68	NA	CH2M
	08/16/2007	7.58	7.59	NA	CH2M
	10/15/2007	6.39	6.49	NA	CH2M
	12/05/2007	6.08	6.64	NA	CH2M
	02/12/2008	7.32	7.56	NA	CH2M
	04/07/2008	6.86	7.7	NA	CH2M
	06/11/2008	7.43	6.49	NA	CH2M
	08/11/2008	6.24	6.03	NA	CH2M
	11/06/2008	7.19	8.3	NA	CH2M
	02/03/2009	8.99	9.58	NA	CH2M
	03/06/2009	9.11	9.56	NA	CH2M
	03/06/2009*	9.14	9.58	NA	CH2M
	05/13/2009	9.28	9.7	NA	CH2M
	08/10/2009	10.5	11.4	NA	CH2M
	11/17/2009	9.57	9.82	NA	CH2M
	02/10/2010	10.6	10.4	NA	CH2M
	05/11/2010	11.4	10.4	NA	CH2M
	08/03/2010	10.2	10.2	NA	CH2M
	10/26/2010	6.4	7.0	NA	CH2M
	01/25/2011	5.1	5.1	NA	CH2M
	04/28/2011	3.8	2.9	NA	CH2M
	06/01/2011	2.9	2.6 J	NA	CH2M
	06/01/2011*	3.3	3.8 J	NA	CH2M
	08/03/2011	2.7	2.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-47	11/09/2011	2.5	2.2	NA	CH2M
	01/27/2012	3.0	2.1	NA	CH2M
	01/27/2012*	2.4	2.1	NA	CH2M
	04/17/2012	3.9	3.4	NA	CH2M
	07/20/2012	2.7	2.8	NA	CH2M
	10/05/2012	2.6	2.4	NA	CH2M
	02/01/2013	2.8	2.4	NA	CH2M
	04/02/2013	3.0	2.4	NA	CH2M
	07/10/2013	2.9	2.3	NA	CH2M
	10/16/2013	2.7	2.4	NA	CH2M
	01/21/2014	2.4	2.3	NA	CH2M
	04/03/2014	2.7	2.5	NA	CH2M
	07/09/2014	2.8	2.3	NA	CH2M
	07/09/2014*	2.7	2.6	NA	CH2M
	10/14/2014	2.4	2.3	NA	CH2M
	01/13/2015	2.5	2.3	NA	CH2M
	04/09/2015	2.3	2.1	NA	CH2M
	07/23/2015	1.9	2.1	NA	CH2M
	10/15/2015	2.4	2.2	NA	Arcadis
	01/12/2016	2.7	2.0	NA	Arcadis
	04/20/2016	2.3	2.2	NA	Arcadis
	04/20/2016*	2.4	2.3	NA	Arcadis
	07/14/2016	2.5	2.3	NA	Arcadis
	10/17/2016	2.3	2.0	NA	Arcadis
	04/13/2017	2.0	2.0	NA	Arcadis
	10/12/2017	1.8	1.8	NA	Arcadis
	04/12/2018	1.7	1.6	NA	Arcadis
	10/16/2018	1.8	1.5	NA	Arcadis
	04/09/2019	2.2	1.5	NA	Arcadis
	10/18/2019	2.0	1.3	NA	Arcadis
	05/07/2020	1.6	1.3	NA	Arcadis
	10/14/2020	2.1	1.3	NA	Arcadis
	04/07/2021	1.9	1.3	NA	Arcadis
No. of Samples:		74			
MW-47A	02/15/2007	1.9	1.65	NA	CH2M
	04/11/2007	2.7	2.12	NA	CH2M
	06/19/2007	2.75	2.36	NA	CH2M
	06/19/2007*	2.46	2.45	NA	CH2M
	08/16/2007	2.08	2.09	NA	CH2M
	10/15/2007	2.97	2.54	NA	CH2M
	12/05/2007	2.12	2.44	NA	CH2M
	02/12/2008	2.24	2.44	NA	CH2M
	04/07/2008	3.44	1.57	NA	CH2M
	06/11/2008	2.39	2.3	NA	CH2M
	06/11/2008*	2.41	2.36	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-47A	08/11/2008	2.26	2.09	NA	CH2M
	08/07/2009	4.01	3.36	NA	CH2M
	08/03/2010	4.7	4.3	NA	CH2M
	08/03/2011	2.8	2.4	NA	CH2M
	07/20/2012	2.9	2.9	NA	CH2M
	07/02/2013	2.5	2.6	NA	CH2M
	07/09/2014	2.9	2.3	NA	CH2M
	07/23/2015	1.9	2.0	NA	CH2M
No. of Samples: 19					
MW-48	03/23/2004	2.1	0.75	NA	CH2M
	04/28/2004	1.1	0.86	NA	CH2M
	09/02/2004	1.98	1.04	NA	CH2M
	02/08/2005	3.32	1.02	NA	CH2M
	08/23/2005	1.26	1.14	NA	CH2M
	02/20/2006	1.53	1.28	NA	CH2M
	08/09/2006	1.0	1.24	NA	CH2M
	02/22/2007	ND (1.24)	1.4	NA	CH2M
	08/21/2007	1.41	1.39	NA	CH2M
	02/18/2008	1.33	1.38	NA	CH2M
	08/11/2008	1.48	1.35	NA	CH2M
	08/05/2009	1.81	1.31	NA	CH2M
	08/20/2010	1.4	1.6	NA	CH2M
	08/05/2011	1.6	1.4	NA	CH2M
	08/05/2011*	1.6	1.4	NA	CH2M
	01/27/2012	1.6	1.3	NA	CH2M
	07/23/2012	1.7	1.3	NA	CH2M
	07/16/2013	1.9	1.2	NA	CH2M
	07/08/2014	1.5	1.2	NA	CH2M
	07/22/2015	1.2	1.4	NA	CH2M
	07/22/2015*	1.2	1.4	NA	CH2M
No. of Samples: 21					
MW-49A	04/09/2004	5.1	4.3	NA	CH2M
	04/27/2004	5.2	4.2	NA	CH2M
	09/01/2004	12.2	3.91	NA	CH2M
	02/08/2005	9.63	3.87	NA	CH2M
	06/08/2005	7.29	3.67	NA	CH2M
	08/19/2005	4.42	3.38	NA	CH2M
	10/12/2005	6.68	3.25	NA	CH2M
	12/07/2005	3.8	3.58	NA	CH2M
	02/15/2006	7.29	3.7	NA	CH2M
	04/20/2006	7.43	3.78	NA	CH2M
	06/14/2006	3.1	3.42	NA	CH2M
	08/11/2006	3.22	3.8	NA	CH2M
	10/19/2006	2.95	3.38	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-49A	12/07/2006	3.97	3.89	NA	CH2M
	02/16/2007	4.0	3.9	NA	CH2M
	04/10/2007	4.13	3.74	NA	CH2M
	06/19/2007	4.32	4.19	NA	CH2M
	07/25/2007	5.31	4.22	NA	CH2M
	08/16/2007	2.66	4.18	NA	CH2M
	10/17/2007	4.17	4.44	NA	CH2M
	12/06/2007	4.67	4.37	NA	CH2M
	02/14/2008	4.5	4.46	NA	CH2M
	04/08/2008	4.75	4.28	NA	CH2M
	06/12/2008	5.65	4.58	NA	CH2M
	08/12/2008	4.56	4.13	NA	CH2M
	11/07/2008	4.85	3.54	NA	CH2M
	02/05/2009	ND (4.72)	4.46	NA	CH2M
	05/13/2009	4.62	4.45	NA	CH2M
	08/11/2009	4.65	4.36	NA	CH2M
	11/17/2009	4.09	4.1	NA	CH2M
	02/10/2010	4.02	4.07	NA	CH2M
	05/11/2010	4.4	4.5	NA	CH2M
	08/03/2010	4.2	4.6	NA	CH2M
	10/12/2010	8.9	4.5	NA	CH2M
	10/27/2010	4.2	4.9	NA	CH2M
	12/13/2010	4.7	4.2	NA	CH2M
	01/26/2011	4.2	4.2	NA	CH2M
	04/28/2011	4.3	4.2	NA	CH2M
	08/05/2011	4.3	4.3	NA	CH2M
	11/09/2011	3.7	4.0	NA	CH2M
	01/27/2012	4.8	4.3	NA	CH2M
	04/17/2012	4.9	4.3	NA	CH2M
	07/30/2012	4.1	3.9	NA	CH2M
	10/03/2012	4.8	4.2	NA	CH2M
	02/01/2013	4.8	4.1	NA	CH2M
	04/02/2013	4.4	3.8	NA	CH2M
	07/10/2013	3.9	3.7	NA	CH2M
	10/09/2013	3.3	3.6	NA	CH2M
	10/09/2013*	3.6	3.6	NA	CH2M
	01/14/2014	3.8	3.7	NA	CH2M
	04/16/2014	4.0	3.7	NA	CH2M
	07/22/2014	3.9	3.8	NA	CH2M
	10/13/2014	3.7	3.9	NA	CH2M
	10/13/2014*	3.6	3.9	NA	CH2M
	01/14/2015	3.6	4.1	NA	CH2M
	04/08/2015	3.6	3.6	NA	CH2M
	07/14/2015	3.2	3.6	NA	CH2M
	10/22/2015	3.3	3.6	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-49A	01/12/2016	3.5	3.5	NA	Arcadis
	07/13/2016	3.4	3.3	NA	Arcadis
	01/05/2017	3.4	3.5	NA	Arcadis
	07/20/2017	3.1	3.7	NA	Arcadis
	10/11/2017	3.5	3.8	NA	Arcadis
	04/13/2018	4.3	4.0	NA	Arcadis
	04/13/2018*	4.2	4.1	NA	Arcadis
	10/15/2018	5.2	4.6	NA	Arcadis
	04/08/2019	5.0	4.7	NA	Arcadis
	10/24/2019	5.3	4.6	NA	Arcadis
	04/15/2020	5.7	4.7	NA	Arcadis
	10/15/2020	6.9	4.7	NA	Arcadis
	04/08/2021	5.2	5.1	NA	Arcadis
No. of Samples: 71					
MW-49B	04/09/2004	3.0	2.0	NA	CH2M
	04/27/2004	3.2	1.8	NA	CH2M
	09/01/2004	8.56	2.1	NA	CH2M
	02/08/2005	7.72 J	2.2	NA	CH2M
	02/08/2005*	10.1 J	2.21	NA	CH2M
	06/08/2005	4.88	2.43	NA	CH2M
	08/19/2005	3.58	2.22	NA	CH2M
	08/19/2005*	3.44	2.2	NA	CH2M
	10/14/2005	3.16	2.0	NA	CH2M
	12/07/2005	2.37	2.24	NA	CH2M
	02/15/2006	6.29	2.52	NA	CH2M
	02/15/2006*	6.37	2.55	NA	CH2M
	04/19/2006	5.33 J	2.51	NA	CH2M
	04/19/2006*	7.08 J	2.46	NA	CH2M
	06/14/2006	1.9	2.18	NA	CH2M
	06/14/2006*	2.64	2.18	NA	CH2M
	08/11/2006	2.44	2.71	NA	CH2M
	10/19/2006	2.34	2.66	NA	CH2M
	10/19/2006*	2.71	2.66	NA	CH2M
	12/07/2006	2.85	2.94	NA	CH2M
	12/07/2006*	2.97	2.91	NA	CH2M
	02/16/2007	2.8	2.66	NA	CH2M
	04/10/2007	2.83	2.49	NA	CH2M
	04/10/2007*	2.75	2.5	NA	CH2M
	06/19/2007	4.25	2.69	NA	CH2M
	08/16/2007	2.47	2.53	NA	CH2M
	10/17/2007	2.02	2.26	NA	CH2M
	12/06/2007	2.69	2.37	NA	CH2M
	02/14/2008	2.82	2.49	NA	CH2M
	04/08/2008	2.73	2.36	NA	CH2M
	06/12/2008	2.53	2.41	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-49B	08/12/2008	1.74	1.95	NA	CH2M
	08/11/2009	2.19	2.07	NA	CH2M
	02/10/2010	1.65	1.74	NA	CH2M
	08/03/2010	1.8	2.1	NA	CH2M
	08/05/2011	2.1	2.1	NA	CH2M
	01/27/2012	2.4	2.0	NA	CH2M
	07/30/2012	2.5	2.0	NA	CH2M
	07/10/2013	2.1	2.0	NA	CH2M
	07/22/2014	2.0	2.0	NA	CH2M
	01/14/2015	1.9	2.0	NA	CH2M
	07/14/2015	1.6	1.8	NA	CH2M
	10/19/2015	1.6	1.9	NA	Arcadis
	01/12/2016	1.9	1.8	NA	Arcadis
	07/13/2016	1.7	1.8	NA	Arcadis
	01/05/2017	1.9	1.9	NA	Arcadis
	04/13/2017	1.8	1.7	NA	Arcadis
	07/20/2017	1.7	1.9	NA	Arcadis
	10/11/2017	1.8	1.9	NA	Arcadis
	10/11/2017*	1.7	1.9	NA	Arcadis
	01/16/2018	1.8	1.8	NA	Arcadis
	04/13/2018	2.0	1.8	NA	Arcadis
	10/15/2018	2.3	2.0	NA	Arcadis
	04/08/2019	2.3	2.0	NA	Arcadis
	10/24/2019	2.6	1.9	NA	Arcadis
	04/15/2020	2.5	2.1	NA	Arcadis
	10/15/2020	2.5	2.1	NA	Arcadis
	04/08/2021	2.7	2.1	NA	Arcadis
No. of Samples:		58			
MW-49S	11/02/2010	3.8	3.4	NA	CH2M
	01/13/2011	4.4	3.4	NA	CH2M
	04/28/2011	4.0	3.2	NA	CH2M
	06/01/2011	3.8	3.2	NA	CH2M
	08/05/2011	4.5	4.3	NA	CH2M
	11/09/2011	3.3	3.5	NA	CH2M
	01/27/2012	4.8	3.7	NA	CH2M
	04/17/2012	4.2	3.6	NA	CH2M
	04/17/2012*	4.8	3.6	NA	CH2M
	07/30/2012	4.0	3.5	NA	CH2M
	10/03/2012	4.1	3.8	NA	CH2M
	02/01/2013	4.5	3.9	NA	CH2M
	04/02/2013	2.3	1.1	NA	CH2M
	07/10/2013	4.1	3.5	NA	CH2M
	10/09/2013	3.5	3.2	NA	CH2M
	01/14/2014	3.7	3.6	NA	CH2M
	01/14/2014*	3.8	3.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-49S	04/16/2014	4.3	3.7	NA	CH2M
	07/22/2014	4.4	3.8	NA	CH2M
	10/13/2014	3.7	3.6	NA	CH2M
	01/14/2015	3.8	4.0	NA	CH2M
	04/08/2015	4.0	3.8	NA	CH2M
	07/14/2015	4.0	3.9	NA	CH2M
	10/12/2015	5.0	5.1	NA	Arcadis
	01/12/2016	5.0	4.0	NA	Arcadis
	04/11/2016	4.3	3.9	NA	Arcadis
	07/13/2016	4.4	4.4	NA	Arcadis
	10/18/2016	4.1	3.8	NA	Arcadis
	02/01/2017	5.6	5.2	NA	Arcadis
	04/13/2017	4.1	4.0	NA	Arcadis
	07/20/2017	3.6	4.1	NA	Arcadis
	10/11/2017	4.4	4.3	NA	Arcadis
	10/11/2017*	4.1	4.2	NA	Arcadis
	01/16/2018	5.2	4.0	NA	Arcadis
	03/07/2018	4.3	4.0	NA	Arcadis
	04/13/2018	4.0	3.8	NA	Arcadis
	10/15/2018	3.0	2.8	NA	Arcadis
	04/08/2019	3.9	3.6	NA	Arcadis
	10/24/2019	4.3	4.0	NA	Arcadis
	04/15/2020	5.2	4.3	NA	Arcadis
	10/15/2020	5.0	4.3	NA	Arcadis
	04/08/2021	4.4	4.4	NA	Arcadis
No. of Samples: 42					
MW-50A	04/08/2004	3.5	2.7	NA	CH2M
	04/28/2004	3.3	2.7	NA	CH2M
	09/01/2004	7.36	3.13	NA	CH2M
	02/07/2005	5.87	3.37	NA	CH2M
	08/22/2005	3.12	3.22	NA	CH2M
	02/14/2006	4.0	3.77	NA	CH2M
	08/15/2006	3.37	3.68	NA	CH2M
	02/15/2007	3.76	3.84	NA	CH2M
	08/16/2007	3.47	3.58	NA	CH2M
	02/14/2008	5.01	3.62	NA	CH2M
	08/12/2008	3.82	3.81	NA	CH2M
	11/04/2008	4.3	3.93	NA	CH2M
	02/05/2009	3.88	3.72	NA	CH2M
	05/14/2009	3.96	3.83	NA	CH2M
	08/07/2009	4.14	3.68	NA	CH2M
	08/07/2009*	4.1	3.67	NA	CH2M
	11/12/2009	3.45	3.51	NA	CH2M
	02/15/2010	3.59	3.5	NA	CH2M
	02/15/2010*	3.43	3.49	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-50A	05/11/2010	3.5	3.6	NA	CH2M
	05/11/2010*	3.4	3.6	NA	CH2M
	08/02/2010	3.7	4.0 J	NA	CH2M
	08/02/2010*	3.4	3.2 J	NA	CH2M
	10/27/2010	3.7	4.5	NA	CH2M
	10/27/2010*	3.8	4.6	NA	CH2M
	12/13/2010	4.7	4.0	NA	CH2M
	12/13/2010*	4.6	4.2	NA	CH2M
	01/26/2011	4.1	4.1	NA	CH2M
	01/26/2011*	4.0	4.2	NA	CH2M
	05/03/2011	4.4	3.7	NA	CH2M
	08/08/2011	3.3	3.4	NA	CH2M
	11/01/2011	3.4	3.3	NA	CH2M
	02/03/2012	3.4	3.3	NA	CH2M
	04/24/2012	3.5	3.4	NA	CH2M
	07/17/2012	3.1	3.3	NA	CH2M
	10/03/2012	3.8	3.5	NA	CH2M
	01/17/2013	3.3	3.4	NA	CH2M
	04/10/2013	3.5	3.3	NA	CH2M
	07/10/2013	4.0	3.1	NA	CH2M
	07/10/2013*	3.8	3.4	NA	CH2M
	10/14/2013	3.4	3.3	NA	CH2M
	01/15/2014	3.8	3.2	NA	CH2M
	04/16/2014	3.5	3.4	NA	CH2M
	07/23/2014	3.9	3.3	NA	CH2M
	10/10/2014	3.0	3.2	NA	CH2M
	01/20/2015	3.0	3.3	NA	CH2M
	04/08/2015	3.3	3.2	NA	CH2M
	04/08/2015*	3.3	3.2	NA	CH2M
	07/10/2015	3.2	3.3	NA	CH2M
	10/13/2015	3.4	3.6	NA	Arcadis
No. of Samples:		50			
MW-50B	04/08/2004	4.1	3.6	NA	CH2M
	04/08/2004*	3.8	3.6	NA	CH2M
	04/28/2004	4.3	3.4	NA	CH2M
	09/01/2004	6.37	3.06	NA	CH2M
	10/13/2004	3.56	3.22	NA	CH2M
	02/03/2005	3.87	3.32	NA	CH2M
	04/13/2005	4.17	3.37	NA	CH2M
	08/16/2005	3.74	3.31	NA	CH2M
	10/12/2005	4.33	3.38	NA	CH2M
	02/14/2006	4.28	3.28	NA	CH2M
	04/18/2006	6.24	3.24	NA	CH2M
	08/15/2006	3.09	3.19	NA	CH2M
	12/04/2006	2.71	3.26	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-50B	02/15/2007	2.86	2.96	NA	CH2M
	04/10/2007	3.34	3.08	NA	CH2M
	08/16/2007	3.08	2.97	NA	CH2M
	12/10/2007	3.2	2.89	NA	CH2M
	02/14/2008	3.1	2.98	NA	CH2M
	04/10/2008	3.19	2.96	NA	CH2M
	08/13/2008	2.87	2.83	NA	CH2M
	11/05/2008	2.41	2.75	NA	CH2M
	02/04/2009	2.7	2.74	NA	CH2M
	05/14/2009	3.0	2.72	NA	CH2M
	05/14/2009*	2.62	2.72	NA	CH2M
	08/11/2009	3.29	2.66	NA	CH2M
	11/11/2009	2.5	2.62	NA	CH2M
	02/09/2010	2.51	2.44	NA	CH2M
	05/12/2010	2.8	2.7	NA	CH2M
	08/19/2010	2.8	3.0	NA	CH2M
	10/27/2010	2.8	2.6	NA	CH2M
	01/25/2011	2.5	2.6	NA	CH2M
	05/03/2011	3.6	2.7	NA	CH2M
	05/03/2011*	3.4	2.7	NA	CH2M
	06/01/2011	2.8	2.7	NA	CH2M
	08/08/2011	2.7	2.6	NA	CH2M
	08/08/2011*	2.6	2.7	NA	CH2M
	11/01/2011	2.6	2.4	NA	CH2M
	01/13/2012	3.4	2.7	NA	CH2M
	04/10/2012	2.8	2.6	NA	CH2M
	07/24/2012	2.7	2.5	NA	CH2M
	10/09/2012	2.6	2.5	NA	CH2M
	01/29/2013	2.4	2.4	NA	CH2M
	04/10/2013	2.5	2.3	NA	CH2M
	07/31/2013	2.5	2.3	NA	CH2M
	10/14/2013	2.4	2.4	NA	CH2M
	01/24/2014	2.4	2.4	NA	CH2M
	04/16/2014	2.6	2.6	NA	CH2M
	04/16/2014*	2.6	2.6	NA	CH2M
	07/23/2014	2.7	2.6	NA	CH2M
	10/10/2014	2.2	2.5	NA	CH2M
	01/20/2015	2.5	2.6	NA	CH2M
	04/08/2015	2.5	2.5	NA	CH2M
	07/10/2015	2.4	2.4	NA	CH2M
	10/13/2015	2.2	2.2	NA	Arcadis
	01/06/2016	2.4	2.3	NA	Arcadis
	04/07/2016	2.3	2.5	NA	Arcadis
	07/13/2016	3.0	2.7	NA	Arcadis
	10/07/2016	2.9	2.8	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-50B	04/12/2017	3.5	3.0	NA	Arcadis
	07/20/2017	3.6	3.9	NA	Arcadis
	10/19/2017	6.7	6.7	NA	Arcadis
	01/10/2018	8.0	8.2	NA	Arcadis
	04/09/2018	7.6	7.7	NA	Arcadis
	07/11/2018	7.6	7.7	NA	Arcadis
	10/09/2018	5.8	5.8	NA	Arcadis
	01/09/2019	6.8	6.3	NA	Arcadis
	04/05/2019	6.1	6.6	NA	Arcadis
	07/10/2019	8.2	7.8	NA	Arcadis
	10/24/2019	7.5	6.9	NA	Arcadis
	01/10/2020	7.2	7.6	NA	Arcadis
	04/07/2020	6.8	6.9	NA	Arcadis
	07/08/2020	5.7	4.7	NA	Arcadis
	10/14/2020	7.9	7.1	NA	Arcadis
	04/14/2021	6.1	4.0	NA	Arcadis
	06/03/2021	5.4	5.2	NA	Arcadis
No. of Samples: 75					
MW-50S	11/16/2010	13.5	13.5	NA	CH2M
	01/13/2011	15.1	14.3	NA	CH2M
	05/03/2011	14.9	13.7	NA	CH2M
	08/08/2011	13.1	14.2	NA	CH2M
	11/01/2011	12.4	13.6	NA	CH2M
	02/03/2012	13.5	13.5	NA	CH2M
	04/24/2012	13.4	13.3	NA	CH2M
	07/17/2012	12.1	12.3	NA	CH2M
	10/03/2012	13.8	13.1	NA	CH2M
	10/03/2012*	14.2	13.2	NA	CH2M
	01/17/2013	12.8	12.7	NA	CH2M
	04/16/2013	13	12.5	NA	CH2M
	07/10/2013	13.8	12.3	NA	CH2M
	10/14/2013	11.7	11.9	NA	CH2M
	01/15/2014	13.9	12	NA	CH2M
	04/16/2014	13	13	NA	CH2M
	07/23/2014	14	14	NA	CH2M
	10/10/2014	14	15	NA	CH2M
	01/20/2015	15	15	NA	CH2M
	04/08/2015	16	16	NA	CH2M
	07/10/2015	15	15	NA	CH2M
	10/13/2015	17	17	NA	Arcadis
	01/06/2016	17	15	NA	Arcadis
	04/07/2016	19	17	NA	Arcadis
	07/13/2016	17	16	NA	Arcadis
	07/13/2016*	16	16	NA	Arcadis
	10/07/2016	17	16	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-50S	01/04/2017	15	15	NA	Arcadis
	04/12/2017	13	14	NA	Arcadis
	07/20/2017	14	15	NA	Arcadis
	10/19/2017	14	14	NA	Arcadis
	01/10/2018	14	13	NA	Arcadis
	04/09/2018	15	15	NA	Arcadis
	07/11/2018	15	15	NA	Arcadis
	10/09/2018	15	15	NA	Arcadis
	01/09/2019	15	12	NA	Arcadis
	04/05/2019	14	14	NA	Arcadis
	07/10/2019	13	13	NA	Arcadis
	10/24/2019	14	13	NA	Arcadis
	01/10/2020	12	12	NA	Arcadis
	04/07/2020	13	13	NA	Arcadis
	07/08/2020	14	12	NA	Arcadis
	10/14/2020	15	12	NA	Arcadis
	01/21/2021	12	12	NA	Arcadis
	04/14/2021	12	12	NA	Arcadis
No. of Samples:		45			
MW-51	04/08/2004	ND (1.0)	0.33	NA	CH2M
	04/26/2004	ND (1.0)	0.33	NA	CH2M
	08/25/2004	1.58	0.453	NA	CH2M
	02/09/2005	1.32	0.49	NA	CH2M
	08/23/2005	ND (1.0)	0.502	NA	CH2M
	02/22/2006	1.42	0.533	NA	CH2M
	08/15/2006	ND (1.0)	0.57	NA	CH2M
	02/23/2007	ND (1.0)	0.513	NA	CH2M
	08/21/2007	ND (1.0)	0.536	NA	CH2M
	02/20/2008	ND (1.0)	0.522	NA	CH2M
	08/11/2008	ND (1.0)	0.46	NA	CH2M
	08/07/2009	1.09	0.55	NA	CH2M
	08/23/2010	ND (1.0)	0.74	NA	CH2M
	08/04/2011	ND (1.0)	0.62	NA	CH2M
	08/23/2012	ND (1.0)	0.6	NA	CH2M
	07/17/2013	ND (1.0)	0.54	NA	CH2M
	07/08/2014	ND (1.0)	0.62	NA	CH2M
	07/22/2015	ND (1.0)	0.67	NA	CH2M
	01/11/2021	ND (1.0)	0.73	NA	Arcadis
	04/16/2021	1.0	0.77	NA	Arcadis
No. of Samples:		20			
MW-52	04/08/2004	2.4	1.8	NA	CH2M
	04/27/2004	3.0	1.6	NA	CH2M
	09/02/2004	3.85	1.64	NA	CH2M
	02/10/2005	3.7	2.81	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-52	08/23/2005	1.96	1.78	NA	CH2M
	02/17/2006	5.36	3.89	NA	CH2M
	08/11/2006	1.27	1.91	NA	CH2M
	02/23/2007	1.48	1.52	NA	CH2M
	08/21/2007	1.6	1.31	NA	CH2M
	02/18/2008	1.6	1.24	NA	CH2M
	02/18/2008*	1.72	1.16	NA	CH2M
	11/07/2008	ND (1.0)	1.1	NA	CH2M
	02/05/2009	1.4	1.18	NA	CH2M
	08/06/2009	1.29	1.13	NA	CH2M
	02/17/2010	1.54	1.3	NA	CH2M
	02/17/2010*	1.46	1.31	NA	CH2M
	08/23/2010	1.4	1.7	NA	CH2M
	08/23/2010*	1.5	1.7	NA	CH2M
	01/28/2011	1.3	1.5	NA	CH2M
	08/04/2011	1.6	1.3	NA	CH2M
	02/01/2012	1.8	1.3	NA	CH2M
	08/01/2012	1.4	1.2	NA	CH2M
	01/28/2013	1.4	1.2	NA	CH2M
	01/28/2013*	1.5	1.2	NA	CH2M
	07/18/2013	1.5	1.2	NA	CH2M
	01/15/2014	1.5	1.2	NA	CH2M
	07/08/2014	1.3	1.4	NA	CH2M
	01/16/2015	1.6	1.5	NA	CH2M
	01/16/2015*	1.6	1.6	NA	CH2M
	07/14/2015	1.2	1.5	NA	CH2M
	02/11/2019	1.8	1.6	NA	Arcadis
	04/11/2019	2.1	1.6	NA	Arcadis
	07/09/2019	1.7	1.8	NA	Arcadis
	10/22/2019	2.9	2.3	NA	Arcadis
	01/14/2020	2.0	1.9	NA	Arcadis
	04/16/2020	1.6	1.4	NA	Arcadis
	07/08/2020	3.6	2.1	NA	Arcadis
	09/01/2020	2.6	2.2	NA	Arcadis
	10/21/2020	3.0	2.3	NA	Arcadis
	01/21/2021	2.5	1.7	NA	Arcadis
	04/16/2021	2.5	1.5	NA	Arcadis
No. of Samples:		41			
MW-53	10/14/2004	1.16	0.791	NA	CH2M
	12/08/2004	ND (1.0)	0.735	NA	CH2M
	02/09/2005	1.39	0.77	NA	CH2M
	02/09/2005*	1.55	0.78	NA	CH2M
	08/23/2005	1.17	0.783	NA	CH2M
	02/20/2006	1.08	0.828	NA	CH2M
	08/11/2006	ND (1.0)	0.968	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-53	02/22/2007	ND (1.0)	0.831	NA	CH2M
	08/21/2007	1.08	0.819	NA	CH2M
	02/20/2008	1.9	0.815	NA	CH2M
	08/06/2008	1.22	0.74	NA	CH2M
	08/07/2009	1.4	0.86	NA	CH2M
	02/18/2010	1.81	0.81	NA	CH2M
	08/23/2010	1.6	1.1	NA	CH2M
	01/28/2011	ND (1.0)	1.0	NA	CH2M
	08/05/2011	1.1	0.98	NA	CH2M
	02/01/2012	ND (1.0)	0.92	NA	CH2M
	02/01/2012*	ND (1.0)	0.91	NA	CH2M
	07/31/2012	1.1	0.87	NA	CH2M
	01/21/2013	ND (1.0)	0.92	NA	CH2M
	07/17/2013	1.3	0.93	NA	CH2M
	01/23/2014	1.1	0.92	NA	CH2M
	07/08/2014	ND (1.0)	1.0	NA	CH2M
	01/13/2015	1.1	1.0	NA	CH2M
	07/22/2015	ND (1.0)	1.1	NA	CH2M
No. of Samples: 25					
MW-54	10/14/2004	2.05	1.74	NA	CH2M
	12/08/2004	1.71	1.91	NA	CH2M
	02/07/2005	3.78	1.89	NA	CH2M
	08/22/2005	2.53	1.55	NA	CH2M
	10/13/2005	2.27	1.65	NA	CH2M
	12/09/2005	2.85	1.93	NA	CH2M
	02/22/2006	5.06	2.2	NA	CH2M
	04/19/2006	4.54	2.23	NA	CH2M
	06/14/2006	2.07	2.2	NA	CH2M
	10/19/2006	2.13	2.17	NA	CH2M
	12/06/2006	2.55	2.61	NA	CH2M
	02/20/2007	2.6	2.65	NA	CH2M
	04/19/2007	3.23	2.81	NA	CH2M
	06/20/2007	2.88	3.05	NA	CH2M
	06/20/2007*	3.1	3.03	NA	CH2M
	08/16/2007	2.65	2.85	NA	CH2M
	10/17/2007	3.95	3.29	NA	CH2M
	12/06/2007	4.77	2.96	NA	CH2M
	02/14/2008	2.68	2.72	NA	CH2M
	04/08/2008	4.34	3.16	NA	CH2M
	06/12/2008	4.79	3.49	NA	CH2M
	08/12/2008	3.61	3.24	NA	CH2M
	11/07/2008	1.88	1.83	NA	CH2M
	02/03/2009	1.94	2.04	NA	CH2M
	05/13/2009	3.11	2.87	NA	CH2M
	08/10/2009	2.14	2.28	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-54	11/16/2009	2.0	1.88	NA	CH2M
	02/11/2010	2.28	1.49	NA	CH2M
	03/24/2010	1.9	1.73	NA	CH2M
	05/13/2010	2.0	1.8	NA	CH2M
	08/04/2010	1.9	1.5	NA	CH2M
	10/26/2010	2.0	1.6	NA	CH2M
	01/25/2011	1.6	1.5	NA	CH2M
	04/28/2011	1.3	1.2	NA	CH2M
	08/05/2011	1.6	1.3	NA	CH2M
	08/05/2011*	1.7	1.3	NA	CH2M
	11/09/2011	1.4	0.96	NA	CH2M
	02/01/2012	ND (1.0)	0.86	NA	CH2M
	04/17/2012	1.4	0.89	NA	CH2M
	07/31/2012	1.2	0.8	NA	CH2M
	10/03/2012	1.3	0.81	NA	CH2M
	01/23/2013	1.1	0.87	NA	CH2M
	04/16/2013	1.1	0.88	NA	CH2M
	04/16/2013*	1.1	0.87	NA	CH2M
	07/18/2013	1.2	0.75	NA	CH2M
	10/09/2013	ND (1.0)	0.76	NA	CH2M
	01/22/2014	ND (1.0)	0.74	NA	CH2M
	04/02/2014	1.0	0.75	NA	CH2M
	07/08/2014	ND (1.0)	0.7	NA	CH2M
	10/14/2014	1.0	0.83	NA	CH2M
	01/16/2015	1.1	0.93	NA	CH2M
	04/09/2015	1.1	0.9	NA	CH2M
	07/20/2015	ND (1.0)	0.85	NA	CH2M
	11/06/2015	ND (1.0)	0.85	NA	Arcadis
	01/12/2016	2.1	0.71	NA	Arcadis
	02/29/2016	1.2	ND (0.78)	NA	Arcadis
	04/21/2016	ND (1.0)	0.79	NA	Arcadis
	07/14/2016	1.8	0.85	NA	Arcadis
	10/13/2016	ND (1.0)	0.74	NA	Arcadis
	10/13/2016*	ND (1.0)	0.74	NA	Arcadis
	01/05/2017	1.2	0.86	NA	Arcadis
	04/14/2017	ND (1.0)	0.84	NA	Arcadis
	04/14/2017*	ND (1.0)	0.83	NA	Arcadis
	07/19/2017	ND (1.0)	0.9	NA	Arcadis
	07/19/2017*	ND (1.0)	0.9	NA	Arcadis
	10/12/2017	1.2	0.92	NA	Arcadis
	01/12/2018	ND (1.0)	0.8	NA	Arcadis
	04/11/2018	1.2	0.94	NA	Arcadis
	04/11/2018*	1.1	0.88	NA	Arcadis
	10/16/2018	1.4	0.91	NA	Arcadis
	04/09/2019	4.3	0.92	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-54	04/09/2019*	4.4	0.92	NA	Arcadis
	06/05/2019	1.0	0.88	NA	Arcadis
	10/25/2019	1.9	0.84	NA	Arcadis
	12/05/2019	2.6	0.88	NA	Arcadis
No. of Samples: 75					
MW-55A	10/13/2004	1.89	1.75	NA	CH2M
	12/08/2004	ND (1.0)	0.991	NA	CH2M
	02/07/2005	1.78	0.23	NA	CH2M
	04/13/2005	2.2	1.4	NA	CH2M
	06/08/2005	1.87	ND (0.2)	NA	CH2M
	08/19/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/13/2005	1.34	ND (0.2)	NA	CH2M
	12/07/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2006	1.17	ND (0.2)	NA	CH2M
	04/19/2006	1.83	ND (0.2)	NA	CH2M
	06/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/07/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	0.21	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	ND (0.091)	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	0.061	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/17/2013	1.4	1.3	NA	CH2M
	04/10/2013	ND (1.0)	0.39	NA	CH2M
	04/10/2013*	ND (1.0)	0.42	NA	CH2M
	07/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	0.8	NA	CH2M
	01/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.48	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.061)	NA	CH2M
	01/19/2015	ND (1.0)	0.64	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-55A	01/19/2015*	ND (1.0)	0.61	NA	CH2M
	04/07/2015	ND (1.0)	0.4	NA	CH2M
	07/10/2015	ND (1.0)	ND (0.1)	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.066)	NA	Arcadis
	01/08/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/21/2016	ND (1.0)	0.07	NA	Arcadis
	07/14/2016	ND (1.0)	0.22	NA	Arcadis
	11/03/2016	2.0	1.8	NA	Arcadis
	01/04/2017	ND (1.0)	0.098	NA	Arcadis
	04/11/2017	ND (1.0)	0.97	NA	Arcadis
	07/14/2017	ND (1.0)	0.67	NA	Arcadis
	10/09/2017	1.2	1.1	NA	Arcadis
	01/11/2018	ND (1.0)	0.82	NA	Arcadis
	04/09/2018	ND (1.0)	0.71	NA	Arcadis
	07/11/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/12/2018	ND (1.0)	1.0	NA	Arcadis
	10/12/2018*	1.1	1.0	NA	Arcadis
	01/09/2019	ND (1.0)	0.52	NA	Arcadis
	04/04/2019	ND (1.0)	0.89	NA	Arcadis
	07/10/2019	1.1	1.1	NA	Arcadis
	10/16/2019	ND (1.0)	0.9	NA	Arcadis
	01/07/2020	ND (1.0)	0.22	NA	Arcadis
	04/07/2020	ND (1.0)	0.68	NA	Arcadis
	07/07/2020	1.1	0.96	NA	Arcadis
	10/12/2020	ND (1.0)	0.66	NA	Arcadis
	01/22/2021	ND (1.0)	0.69	NA	Arcadis
	04/09/2021	1.2	1.2	NA	Arcadis
No. of Samples:		67			
MW-55B	10/13/2004	ND (1.0)	ND (0.2)	NA	CH2M
	12/08/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2005	2.34	ND (0.2)	NA	CH2M
	08/19/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2006	1.06	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2006*	ND (1.0)	0.205	NA	CH2M
	02/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	0.22	NA	CH2M
	08/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	ND (0.2)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-55B	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	ND (0.11)	NA	CH2M
	01/16/2012	ND (1.0)	0.094	NA	CH2M
	01/16/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	0.095	NA	CH2M
	07/12/2012	ND (1.0)	0.11	NA	CH2M
	07/12/2012*	ND (1.0)	0.11	NA	CH2M
	10/09/2012	ND (1.0)	0.089	NA	CH2M
	01/17/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2013	ND (1.0)	0.34	NA	CH2M
	07/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.093	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/23/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	0.27	NA	CH2M
	01/19/2015	ND (1.0)	0.44	NA	CH2M
	04/07/2015	ND (1.0)	0.21	NA	CH2M
	07/10/2015	ND (1.0)	0.55	NA	CH2M
	10/13/2015	ND (1.0)	0.47	NA	Arcadis
No. of Samples:		39			
MW-55C	11/13/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	0.32	NA	CH2M
	05/13/2010	ND (1.0)	0.56	NA	CH2M
	08/03/2010	ND (1.0)	0.29	NA	CH2M
	10/27/2010	ND (1.0)	0.47	NA	CH2M
	01/26/2011	ND (1.0)	0.21	NA	CH2M
	05/05/2011	ND (1.0)	0.31	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	0.31	NA	CH2M
	01/24/2012	ND (1.0)	0.26	NA	CH2M
	04/12/2012	ND (1.0)	0.22	NA	CH2M
	07/17/2012	ND (1.0)	0.18	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	0.49	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.2	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	0.31	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-55C	01/19/2015	ND (1.0)	0.23	NA	CH2M
	04/07/2015	ND (1.0)	0.16	NA	CH2M
	07/10/2015	ND (1.0)	0.24	NA	CH2M
	07/10/2015*	ND (1.0)	0.26	NA	CH2M
	10/13/2015	ND (1.0)	0.3	NA	Arcadis
	04/21/2016	ND (1.0)	0.3	NA	Arcadis
	10/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2018	ND (1.0)	0.28	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		38			
MW-55S	10/27/2010	3.4	2.4	NA	CH2M
	01/13/2011	3.8	3.2	NA	CH2M
	05/05/2011	4.4	2.8	NA	CH2M
	06/01/2011	2.7	2.9	NA	CH2M
	08/02/2011	3.5	2.8	NA	CH2M
	11/01/2011	3.3	2.4	NA	CH2M
	02/03/2012	3.2	2.7	NA	CH2M
	04/24/2012	2.7	2.6	NA	CH2M
	07/31/2012	3.5	2.5	NA	CH2M
	10/01/2012	3.1	2.8	NA	CH2M
	01/17/2013	3.1	2.6	NA	CH2M
	04/10/2013	3.1	2.6	NA	CH2M
	07/15/2013	3.1	2.5	NA	CH2M
	10/14/2013	3.1	2.6	NA	CH2M
	01/15/2014	3.5	2.4	NA	CH2M
	01/15/2014*	3.2	2.4	NA	CH2M
	04/16/2014	3.3	2.9	NA	CH2M
	07/23/2014	2.8	2.7	NA	CH2M
	10/09/2014	2.6	2.7	NA	CH2M
	01/19/2015	2.5	2.8	NA	CH2M
	04/07/2015	2.7	2.6	NA	CH2M
	07/10/2015	2.9	2.5	NA	CH2M
	07/10/2015*	3.2	2.5	NA	CH2M
	10/13/2015	2.7	2.7	NA	Arcadis
	01/08/2016	3.5	2.5	NA	Arcadis
	04/21/2016	3.2	2.8	NA	Arcadis
	07/14/2016	3.2	2.7	NA	Arcadis
	10/13/2016	2.6	2.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-55S	01/04/2017	1.8	1.5	NA	Arcadis
	04/11/2017	2.5	2.4	NA	Arcadis
	07/14/2017	3.0	2.3	NA	Arcadis
	10/09/2017	3.1	2.4	NA	Arcadis
	01/11/2018	2.6	2.4	NA	Arcadis
	04/18/2018	2.7	2.3	NA	Arcadis
	07/11/2018	3.0	1.9	NA	Arcadis
	10/12/2018	2.4	2.4	NA	Arcadis
	01/09/2019	3.7	2.1	NA	Arcadis
	03/07/2019	2.7	2.4	NA	Arcadis
	04/04/2019	2.7	2.3	NA	Arcadis
	07/10/2019	3.1	2.3	NA	Arcadis
	10/16/2019	3.0	2.1	NA	Arcadis
	01/07/2020	2.7	2.1	NA	Arcadis
	04/07/2020	2.5	1.9	NA	Arcadis
	07/07/2020	2.3	1.9	NA	Arcadis
	10/12/2020	3.0	1.8	NA	Arcadis
	01/22/2021	2.4	1.6	NA	Arcadis
	04/09/2021	2.1	1.6	NA	Arcadis
No. of Samples: 47					
MW-56	10/14/2004	5.19	4.77	NA	CH2M
	12/08/2004	5.97	5.63	NA	CH2M
	02/04/2005	5.75	4.74	NA	CH2M
	08/22/2005	3.68	3.72	NA	CH2M
	02/16/2006	5.48	3.34	NA	CH2M
	08/16/2006	4.55	5.18	NA	CH2M
	02/16/2007	4.6	4.52	NA	CH2M
	08/15/2007	4.77	4.87	NA	CH2M
	02/13/2008	7.21	5.4	NA	CH2M
	08/05/2008	6.39	6.24	NA	CH2M
	08/05/2008*	5.95	6.53	NA	CH2M
	11/06/2008	6.47	7.32	NA	CH2M
	02/05/2009	7.62	7.38	NA	CH2M
	02/05/2009*	7.88	7.84	NA	CH2M
	03/05/2009	7.31	8.59	NA	CH2M
	05/14/2009	7.85	7.91	NA	CH2M
	08/05/2009	6.83	7.04	NA	CH2M
	08/05/2009*	7.15	6.94	NA	CH2M
	11/17/2009	7.62	7.51	NA	CH2M
	02/16/2010	11	9.96	NA	CH2M
	05/13/2010	8.3	8.0	NA	CH2M
	08/02/2010	6.4	6.4	NA	CH2M
	10/29/2010	6.3	6.4	NA	CH2M
	01/27/2011	6.7	6.9	NA	CH2M
	05/05/2011	8.2	7.0	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-56	08/05/2011	6.8	6.3	NA	CH2M
	11/10/2011	7.2	6.3	NA	CH2M
	11/10/2011*	6.8	6.3	NA	CH2M
	02/02/2012	6.1	5.9	NA	CH2M
	04/27/2012	6.3	6.1	NA	CH2M
	07/31/2012	5.0	4.4	NA	CH2M
	10/03/2012	5.0	4.6	NA	CH2M
	01/28/2013	6.1	5.3	NA	CH2M
	04/10/2013	5.9	5.8	NA	CH2M
	07/10/2013	6.0	5.8	NA	CH2M
	10/15/2013	4.5	4.4	NA	CH2M
	10/15/2013*	4.2	4.4	NA	CH2M
	01/15/2014	5.4	4.8	NA	CH2M
	04/16/2014	5.6	5.4	NA	CH2M
	07/22/2014	5.6	5.4	NA	CH2M
	10/10/2014	4.8	5.3	NA	CH2M
	01/20/2015	4.7	4.9	NA	CH2M
	04/08/2015	5.6	5.4	NA	CH2M
	07/10/2015	6.1	5.5	NA	CH2M
	10/20/2015	5.1	5.4	NA	Arcadis
	01/12/2016	5.3	5.6	NA	Arcadis
	07/15/2016	6.5	6.4	NA	Arcadis
	01/05/2017	6.1	5.9	NA	Arcadis
	07/21/2017	6.3	7.0	NA	Arcadis
	10/10/2017	9.8	10	NA	Arcadis
	04/17/2018	10	11	NA	Arcadis
	10/10/2018	7.1	7.1	NA	Arcadis
	04/04/2019	7.6	7.3	NA	Arcadis
	10/25/2019	11	11	NA	Arcadis
	12/05/2019	15	16	NA	Arcadis
	04/07/2020	10	10	NA	Arcadis
	10/14/2020	24	22	NA	Arcadis
	04/14/2021	17	18	NA	Arcadis
No. of Samples:		58			
MW-57	01/26/2006	2.26	2.75	NA	CH2M
	02/17/2006	3.12	2.54	NA	CH2M
	04/20/2006	3.07	2.58	NA	CH2M
	06/14/2006	2.11	2.38	NA	CH2M
	08/16/2006	2.4	2.86	NA	CH2M
	10/19/2006	2.38	2.62	NA	CH2M
	12/05/2006	2.54	2.79	NA	CH2M
	12/05/2006*	2.54	2.86	NA	CH2M
	02/20/2007	2.66	2.65	NA	CH2M
	04/11/2007	3.12	2.4	NA	CH2M
	04/11/2007*	2.84	2.39	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-57	06/19/2007	2.72	2.55	NA	CH2M
	08/16/2007	2.35	2.51	NA	CH2M
	08/16/2007*	2.48	2.5	NA	CH2M
	10/17/2007	3.67	2.83	NA	CH2M
	12/06/2007	4.21	2.69	NA	CH2M
	02/14/2008	5.01	2.68	NA	CH2M
	04/08/2008	3.41	2.67	NA	CH2M
	06/11/2008	3.13	2.81	NA	CH2M
	06/11/2008*	3.22	2.84	NA	CH2M
	08/12/2008	3.07	2.73	NA	CH2M
	11/04/2008	2.4	2.73	NA	CH2M
	02/03/2009	2.35	2.85	NA	CH2M
	08/10/2009	3.25	3.03	NA	CH2M
	02/11/2010	2.98	2.32	NA	CH2M
	03/24/2010	2.34	2.81	NA	CH2M
	03/24/2010*	2.58	2.88	NA	CH2M
	05/13/2010	2.9	2.95	NA	CH2M
	08/04/2010	3.0	2.8	NA	CH2M
	10/26/2010	2.6	2.9	NA	CH2M
	01/25/2011	2.5	2.7	NA	CH2M
	05/05/2011	3.5	2.8	NA	CH2M
	08/08/2011	3.6	3.1	NA	CH2M
	11/10/2011	3.0	2.8	NA	CH2M
	02/02/2012	2.8	2.8	NA	CH2M
	04/17/2012	3.3	2.8	NA	CH2M
	06/13/2012	3.0	2.8	NA	CH2M
	07/30/2012	3.0	2.6	NA	CH2M
	10/02/2012	2.8	2.8	NA	CH2M
	01/29/2013	2.8	2.7	NA	CH2M
	04/02/2013	3.0	2.5	NA	CH2M
	07/02/2013	2.5	2.6	NA	CH2M
	10/04/2013	2.4	2.6	NA	CH2M
	01/16/2014	2.3	2.3	NA	CH2M
	04/15/2014	2.5	2.5	NA	CH2M
	04/15/2014*	2.6	2.5	NA	CH2M
	07/21/2014	2.7	2.3	NA	CH2M
	10/14/2014	2.5	2.4	NA	CH2M
	01/22/2015	2.3	2.4	NA	CH2M
	04/08/2015	2.4	2.2	NA	CH2M
	07/22/2015	1.9	2.2	NA	CH2M
	10/09/2015	3.1	2.3	NA	Arcadis
	04/21/2016	2.8	2.0	NA	Arcadis
	10/12/2016	2.2	1.9	NA	Arcadis
	04/12/2017	2.6	1.7	NA	Arcadis
	10/11/2017	2.2	1.9	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-57	04/11/2018	2.0	1.8	NA	Arcadis
	10/12/2018	2.4	1.9	NA	Arcadis
	04/05/2019	1.8	1.6	NA	Arcadis
	10/25/2019	2.4	1.5	NA	Arcadis
	04/10/2020	1.8	1.4	NA	Arcadis
	10/14/2020	1.6	1.3	NA	Arcadis
	04/08/2021	1.8	1.3	NA	Arcadis
No. of Samples: 63					
MW-57D	07/26/2011	1.3	1.6	NA	CH2M
	11/10/2011	2.5	2.3	NA	CH2M
	02/02/2012	2.6	2.7	NA	CH2M
	04/17/2012	3.4	2.7	NA	CH2M
	06/13/2012	2.7	2.6	NA	CH2M
	07/30/2012	3.0	2.4	NA	CH2M
	10/02/2012	2.9	2.8	NA	CH2M
	01/29/2013	2.8	2.6	NA	CH2M
	04/16/2013	2.8	2.7	NA	CH2M
	07/02/2013	2.5	2.8	NA	CH2M
	10/04/2013	2.7	2.9	NA	CH2M
	01/16/2014	2.6	2.6	NA	CH2M
	04/15/2014	2.8	2.7	NA	CH2M
	07/21/2014	2.9	2.6	NA	CH2M
	10/14/2014	2.7	2.6	NA	CH2M
	01/22/2015	2.6	2.7	NA	CH2M
	04/08/2015	2.8	2.5	NA	CH2M
	04/08/2015*	2.7	2.5	NA	CH2M
	07/22/2015	2.2	2.5	NA	CH2M
	10/09/2015	2.8	2.5	NA	Arcadis
	04/21/2016	2.2	2.4	NA	Arcadis
	10/12/2016	2.4	2.2	NA	Arcadis
	04/12/2017	2.8	2.0	NA	Arcadis
	10/11/2017	2.2	2.1	NA	Arcadis
	04/11/2018	2.2	2.0	NA	Arcadis
	10/12/2018	2.2	2.0	NA	Arcadis
	04/05/2019	2.0	1.7	NA	Arcadis
	10/25/2019	2.2	1.8	NA	Arcadis
	04/10/2020	2.2	1.9	NA	Arcadis
	10/14/2020	2.0	1.8	NA	Arcadis
	04/08/2021	1.9	1.8	NA	Arcadis
No. of Samples: 31					
MW-58	01/25/2006	2.0	2.08	NA	CH2M
	02/17/2006	3.03	1.98	NA	CH2M
	04/20/2006	2.48	1.11	NA	CH2M
	06/14/2006	1.07	1.25	NA	CH2M

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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-58	08/16/2006	1.47	1.66	NA	CH2M
	10/18/2006	1.25	1.17	NA	CH2M
	12/06/2006	1.69	1.61	NA	CH2M
	02/20/2007	ND (1.0)	0.724	NA	CH2M
	04/12/2007	1.39	1.2	NA	CH2M
	06/19/2007	1.86	1.82	NA	CH2M
	08/17/2007	1.59	1.65	NA	CH2M
	10/17/2007	2.12	1.94	NA	CH2M
	10/17/2007*	2.04	1.95	NA	CH2M
	12/06/2007	3.17	1.96	NA	CH2M
	02/12/2008	1.9	1.96	NA	CH2M
	04/08/2008	2.24	1.84	NA	CH2M
	06/12/2008	2.55	1.91	NA	CH2M
	08/13/2008	2.16	1.66	NA	CH2M
	02/03/2009	1.68	1.81	NA	CH2M
	08/11/2009	2.06	1.71	NA	CH2M
	08/11/2009*	1.97	1.72	NA	CH2M
	02/11/2010	2.33	1.52	NA	CH2M
	03/24/2010	2.12	1.81	NA	CH2M
	05/13/2010	ND (1.0)	0.74	NA	CH2M
	08/04/2010	ND (1.0)	0.37	NA	CH2M
	10/26/2010	3.6	0.45	NA	CH2M
	01/25/2011	ND (1.0)	0.49	NA	CH2M
	01/25/2011*	ND (1.0)	0.45	NA	CH2M
	04/28/2011	1.4	0.58	NA	CH2M
	08/08/2011	ND (1.0)	0.5	NA	CH2M
	11/10/2011	ND (1.0)	0.55	NA	CH2M
	02/02/2012	ND (1.0)	0.58	NA	CH2M
	04/17/2012	ND (1.0)	0.55	NA	CH2M
	07/23/2012	ND (1.0)	0.54	NA	CH2M
	10/01/2012	ND (1.0)	0.67	NA	CH2M
	01/22/2013	ND (1.0)	0.64	NA	CH2M
	04/16/2013	ND (1.0)	0.7	NA	CH2M
	07/11/2013	ND (1.0)	0.64	NA	CH2M
	07/11/2013*	ND (1.0)	0.64	NA	CH2M
	10/09/2013	ND (1.0)	0.66	NA	CH2M
	01/22/2014	ND (1.0)	0.61	NA	CH2M
	04/02/2014	ND (1.0)	0.67	NA	CH2M
	07/09/2014	ND (1.0)	0.7	NA	CH2M
	10/15/2014	ND (1.0)	0.68	NA	CH2M
	10/15/2014*	ND (1.0)	0.68	NA	CH2M
	01/21/2015	ND (1.0)	0.79	NA	CH2M
	04/09/2015	ND (1.0)	0.75	NA	CH2M
	07/20/2015	ND (1.0)	0.8	NA	CH2M
	10/09/2015	ND (1.0)	0.7	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-58	10/09/2015*	ND (1.0)	0.63	NA	Arcadis
	01/13/2016	1.1	0.55	NA	Arcadis
	04/18/2016	ND (1.0)	0.61	NA	Arcadis
	07/20/2016	ND (1.0)	0.62	NA	Arcadis
	07/20/2016*	ND (1.0)	0.63	NA	Arcadis
	10/31/2016	ND (1.0)	0.55	NA	Arcadis
	10/31/2016*	ND (1.0)	0.54	NA	Arcadis
	04/17/2017	ND (1.0)	0.57	NA	Arcadis
	04/17/2017*	ND (1.0)	0.53	NA	Arcadis
	10/12/2017	ND (1.0)	0.55	NA	Arcadis
	04/11/2018	ND (1.0)	0.63	NA	Arcadis
	10/16/2018	ND (1.0)	0.43	NA	Arcadis
	04/09/2019	ND (1.0)	0.29	NA	Arcadis
	10/18/2019	ND (1.0)	0.39	NA	Arcadis
	05/07/2020	1.6	0.47	NA	Arcadis
	05/07/2020*	1.5	0.46	NA	Arcadis
	06/05/2020	ND (1.0)	ND (0.49)	NA	Arcadis
	10/14/2020	ND (1.0)	0.48	NA	Arcadis
	04/15/2021	ND (1.0)	0.48	NA	Arcadis
	04/15/2021*	ND (1.0)	0.49	NA	Arcadis
No. of Samples: 69					
MW-59	09/06/2006	1.2	1.41	NA	CH2M
	10/18/2006	ND (1.0)	1.28	NA	CH2M
	12/14/2006	1.63	1.15	NA	CH2M
	02/20/2007	2.06	1.46	NA	CH2M
	04/12/2007	2.0	1.4	NA	CH2M
	06/19/2007	3.71	1.66	NA	CH2M
	08/17/2007	1.5	1.5	NA	CH2M
	10/17/2007	1.89	ND (1.69)	NA	CH2M
	12/06/2007	1.8	1.5	NA	CH2M
	12/06/2007*	1.84	1.49	NA	CH2M
	02/14/2008	3.71	1.63	NA	CH2M
	04/08/2008	2.32	1.62	NA	CH2M
	06/12/2008	2.38	2.18	NA	CH2M
	08/13/2008	2.26	1.83	NA	CH2M
	02/04/2009	2.01	1.8	NA	CH2M
	08/05/2009	1.79	1.68	NA	CH2M
	02/17/2010	1.68	1.78	NA	CH2M
	03/24/2010	1.65	1.78	NA	CH2M
	05/13/2010	1.92	1.91	NA	CH2M
	08/04/2010	1.9	1.9	NA	CH2M
	10/26/2010	1.8	2.1	NA	CH2M
	01/25/2011	2.0	1.7	NA	CH2M
	04/28/2011	2.7	1.9	NA	CH2M
	06/01/2011	2.3	2.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-59	08/08/2011	2.4	2.0	NA	CH2M
	11/10/2011	2.2	2.0	NA	CH2M
	02/02/2012	1.6	1.8	NA	CH2M
	04/17/2012	2.4	1.9	NA	CH2M
	07/23/2012	1.8	1.7	NA	CH2M
	10/08/2012	1.7	1.7	NA	CH2M
	10/08/2012*	1.9	1.7	NA	CH2M
	01/22/2013	1.7	1.6	NA	CH2M
	04/16/2013	1.8	1.7	NA	CH2M
	07/11/2013	2.4	1.5	NA	CH2M
	10/09/2013	1.6	1.5	NA	CH2M
	01/22/2014	2.2	1.8	NA	CH2M
	04/02/2014	1.9	1.8	NA	CH2M
	07/09/2014	1.6	1.7	NA	CH2M
	10/15/2014	1.8	1.7	NA	CH2M
	01/21/2015	1.9	1.6	NA	CH2M
	04/09/2015	1.7	1.6	NA	CH2M
	07/15/2015	1.2	1.5	NA	CH2M
	07/15/2015*	1.3	1.5	NA	CH2M
	10/09/2015	1.6	1.4	NA	Arcadis
	10/31/2016	1.7	1.4	NA	Arcadis
	10/12/2017	1.6	1.5	NA	Arcadis
	10/15/2018	1.5	1.5	NA	Arcadis
	10/18/2019	1.8	1.3	NA	Arcadis
	10/14/2020	3.1	1.1	NA	Arcadis
	12/04/2020	1.5	1.2	NA	Arcadis
No. of Samples: 50					
MW-61	02/21/2007	1.21	1.11	NA	CH2M
	04/13/2007	1.51	1.24	NA	CH2M
	06/20/2007	1.82	1.84	NA	CH2M
	08/21/2007	1.79	1.58	NA	CH2M
	10/18/2007	1.91	ND (1.41)	NA	CH2M
	12/04/2007	1.44	1.41	NA	CH2M
	02/18/2008	2.53	1.55	NA	CH2M
	04/10/2008	2.74	1.51	NA	CH2M
	06/12/2008	2.68	1.9	NA	CH2M
	08/06/2008	2.04	1.99	NA	CH2M
	11/07/2008	1.02	1.31	NA	CH2M
	02/03/2009	1.58	0.985	NA	CH2M
	05/13/2009	1.58	1.59	NA	CH2M
	08/12/2009	1.86	1.83	NA	CH2M
	11/17/2009	2.08	1.43	NA	CH2M
	11/17/2009*	1.93	1.44	NA	CH2M
	02/11/2010	1.49	1.0	NA	CH2M
	02/11/2010*	1.61	1.0	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-61	05/11/2010	1.41	1.22	NA	CH2M
	05/11/2010*	1.29	1.3	NA	CH2M
	08/06/2010	1.4	1.3	NA	CH2M
	08/06/2010*	1.4	1.4	NA	CH2M
	10/29/2010	1.5	1.4	NA	CH2M
	10/29/2010*	1.5	1.4	NA	CH2M
	01/27/2011	1.2	1.4	NA	CH2M
	01/27/2011*	1.2	1.4	NA	CH2M
	05/05/2011	ND (1.0)	0.5	NA	CH2M
	06/01/2011	1.7	1.5	NA	CH2M
	08/08/2011	1.1	0.96	NA	CH2M
	11/10/2011	ND (1.0)	0.46	NA	CH2M
	02/02/2012	ND (1.0)	0.29	NA	CH2M
	04/18/2012	ND (1.0)	0.57	NA	CH2M
	07/23/2012	ND (1.0)	0.18	NA	CH2M
	07/23/2012*	ND (1.0)	0.32	NA	CH2M
	10/09/2012	ND (1.0)	0.084	NA	CH2M
	04/19/2013	ND (1.0)	0.12	NA	CH2M
No. of Samples: 36					
MW-61R	09/13/2016	3.7	3.4	NA	Arcadis
	11/01/2016	2.5	2.4	NA	Arcadis
	01/05/2017	2.4	2.6	NA	Arcadis
No. of Samples: 3					
MW-62A	09/05/2006	1.2	1.38	NA	CH2M
	12/13/2006	1.49	1.74	NA	CH2M
	02/20/2007	2.05	1.66	NA	CH2M
	04/11/2007	2.97	1.52	NA	CH2M
	04/11/2007*	2.97	1.51	NA	CH2M
	06/20/2007	1.79	1.79 J	NA	CH2M
	08/15/2007	2.05	1.99	NA	CH2M
	10/16/2007	2.69	2.61	NA	CH2M
	12/07/2007	3.15	2.57	NA	CH2M
	02/12/2008	2.36	2.14	NA	CH2M
	04/08/2008	2.55	2.21	NA	CH2M
	06/10/2008	1.23	1.07	NA	CH2M
	08/05/2008	3.79	3.92	NA	CH2M
	11/07/2008	6.43	5.91	NA	CH2M
	02/12/2009	7.16	7.12	NA	CH2M
	02/12/2009*	7.17	6.99	NA	CH2M
	03/06/2009	6.73	7.61	NA	CH2M
	05/14/2009	6.67	5.86	NA	CH2M
	08/07/2009	5.35	4.81	NA	CH2M
	11/17/2009	13.2	10.5	NA	CH2M
	11/17/2009*	13.1	10.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-62A	02/16/2010	14.8	14.7	NA	CH2M
	05/13/2010	13.7	13.2	NA	CH2M
	08/02/2010	2.6	2.8	NA	CH2M
	10/28/2010	17.1	19.7	NA	CH2M
	01/26/2011	17.3	18.5	NA	CH2M
	05/05/2011	20.9	20.1	NA	CH2M
	08/02/2011	16.7	14.6	NA	CH2M
	11/01/2011	9.5	9.1	NA	CH2M
	11/01/2011*	9.3	9.0	NA	CH2M
	01/16/2012	4.4	3.1	NA	CH2M
	04/09/2012	5.4	5.0	NA	CH2M
	07/24/2012	2.9	2.9	NA	CH2M
	10/17/2012	2.7	2.8	NA	CH2M
	01/24/2013	2.1	2.0	NA	CH2M
	04/09/2013	2.2	2.0	NA	CH2M
	07/31/2013	2.9	2.0	NA	CH2M
	07/31/2013*	2.9	2.0	NA	CH2M
	10/15/2013	2.7	2.3	NA	CH2M
	01/22/2014	1.6	1.5	NA	CH2M
	04/15/2014	1.9	2.1	NA	CH2M
	07/21/2014	1.5	1.3	NA	CH2M
	10/16/2014	1.9	1.9	NA	CH2M
	01/13/2015	2.1	2.3	NA	CH2M
	04/07/2015	2.2	2.3	NA	CH2M
	07/21/2015	1.6	2.0	NA	CH2M
	10/14/2015	2.2	2.3	NA	Arcadis
	01/08/2016	2.2	2.0	NA	Arcadis
	04/19/2016	2.0	2.2	NA	Arcadis
	07/13/2016	2.0	2.1	NA	Arcadis
	10/31/2016	2.2	1.8	NA	Arcadis
	01/04/2017	2.0	1.7	NA	Arcadis
	04/10/2017	2.1	2.0	NA	Arcadis
	07/13/2017	1.8	2.1	NA	Arcadis
	10/10/2017	1.7	1.8	NA	Arcadis
	01/07/2018	1.8	1.6	NA	Arcadis
	04/10/2018	1.8	1.5	NA	Arcadis
	10/09/2018	3.3	1.6	NA	Arcadis
	11/27/2018	1.7	1.8	NA	Arcadis
	04/04/2019	2.1	1.7	NA	Arcadis
	10/15/2019	2.2	1.6	NA	Arcadis
	04/09/2020	1.9	1.4	NA	Arcadis
	04/09/2020*	2.1	1.4	NA	Arcadis
	10/13/2020	2.3	2.0	NA	Arcadis
	10/13/2020*	2.4	2.1	NA	Arcadis
	04/15/2021	2.3	1.9	NA	Arcadis

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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-62A	04/15/2021*	2.2	1.9	NA	Arcadis
No. of Samples: 67					
MW-62B	09/05/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2008	ND (1.0)	0.74	NA	CH2M
	08/07/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	ND (0.066)	NA	CH2M
	01/16/2012	ND (1.0)	0.082	NA	CH2M
	04/09/2012	ND (1.0)	0.093	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 24					
MW-62C	02/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	0.1	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2014	ND (1.0)	ND (0.06)	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-62C	10/16/2014	ND (1.0)	ND (0.077)	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/14/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 33					
MW-63	09/06/2006	1.52	1.38	NA	CH2M
	12/13/2006	ND (1.0)	0.475	NA	CH2M
	02/20/2007	1.98	1.43	NA	CH2M
	08/22/2007	1.68	1.31	NA	CH2M
	10/16/2007	1.8	ND (1.22)	NA	CH2M
	12/06/2007	1.66	1.19	NA	CH2M
	02/15/2008	1.55	1.36	NA	CH2M
	02/15/2008*	1.48	1.39	NA	CH2M
	04/08/2008	2.19	1.32	NA	CH2M
	04/08/2008*	2.02	1.4	NA	CH2M
	06/10/2008	1.8	1.78	NA	CH2M
	08/06/2008	ND (1.0)	1.23	NA	CH2M
	08/10/2009	2.9	1.32	NA	CH2M
	02/16/2010	1.09	ND (1.05)	NA	CH2M
	08/05/2010	1.8	0.82	NA	CH2M
	10/27/2010	1.6	0.73	NA	CH2M
	01/26/2011	1.5	1.4	NA	CH2M
	05/05/2011	1.4	1.1	NA	CH2M
	08/09/2011	1.4	ND (1.0)	NA	CH2M
	11/01/2011	1.1	0.91	NA	CH2M
	01/16/2012	1.7	0.93	NA	CH2M
	04/09/2012	1.3	0.84	NA	CH2M
	07/24/2012	1.5	0.99	NA	CH2M
	10/17/2012	1.1	0.96	NA	CH2M
	01/24/2013	1.8	1.1	NA	CH2M
	04/16/2013	1.4	1.0	NA	CH2M
	07/31/2013	2.3	0.98	NA	CH2M
	10/14/2013	1.1	0.99	NA	CH2M

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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-63	10/14/2013*	1.1	0.98	NA	CH2M
	01/22/2014	1.3	1.2	NA	CH2M
	04/15/2014	1.4	1.0	NA	CH2M
	04/15/2014*	1.4	1.0	NA	CH2M
	07/21/2014	1.7	1.1	NA	CH2M
	07/21/2014*	1.6	1.1	NA	CH2M
	10/10/2014	1.4	1.1	NA	CH2M
	01/13/2015	1.5	1.2	NA	CH2M
	04/07/2015	1.3	1.1	NA	CH2M
	07/22/2015	1.2	1.2	NA	CH2M
	10/14/2015	1.4	1.1	NA	Arcadis
	01/07/2016	2.1	1.1	NA	Arcadis
	04/19/2016	1.2	1.2	NA	Arcadis
	04/19/2016*	1.3	1.2	NA	Arcadis
	07/13/2016	1.4	1.3	NA	Arcadis
	10/12/2016	1.3	1.2	NA	Arcadis
	01/04/2017	1.2	1.3	NA	Arcadis
	04/12/2017	1.6	0.96	NA	Arcadis
	07/13/2017	1.7	1.1	NA	Arcadis
	10/10/2017	1.6	0.93	NA	Arcadis
	01/09/2018	1.4	0.8	NA	Arcadis
	04/10/2018	1.1	0.77	NA	Arcadis
	07/11/2018	1.4	0.46	NA	Arcadis
	10/12/2018	2.0	0.87	NA	Arcadis
	01/09/2019	1.6	1.0	NA	Arcadis
	04/04/2019	2.6	1.1	NA	Arcadis
	07/10/2019	2.2	0.88	NA	Arcadis
	10/15/2019	2.0	1.1	NA	Arcadis
	01/08/2020	1.5	1.1	NA	Arcadis
	07/09/2020	1.0	0.99	NA	Arcadis
No. of Samples: 58					
MW-64A	12/03/2007	1.48	1.42	NA	CH2M
	02/18/2008	1.28	1.24	NA	CH2M
	04/10/2008	3.05	1.53	NA	CH2M
	08/26/2008	1.43	1.81	NA	CH2M
	11/05/2008	ND (1.0)	0.76	NA	CH2M
	02/03/2009	1.66	1.82	NA	CH2M
	05/13/2009	1.74	1.76	NA	CH2M
	08/12/2009	1.63	1.79	NA	CH2M
	11/16/2009	1.57	1.73	NA	CH2M
	02/11/2010	1.73	1.57	NA	CH2M
	05/11/2010	1.9	1.8	NA	CH2M
	08/20/2010	ND (1.0)	0.75	NA	CH2M
	10/29/2010	ND (1.0)	0.71	NA	CH2M
	01/27/2011	ND (1.0)	0.62	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-64A	04/28/2011	1.2	0.59	NA	CH2M
	08/08/2011	1.6	1.4	NA	CH2M
	10/31/2011	2.0	1.3	NA	CH2M
	02/02/2012	1.5	1.1	NA	CH2M
	02/02/2012*	ND (1.0)	1.1	NA	CH2M
	04/18/2012	2.6	2.1	NA	CH2M
	07/19/2012	2.6	2.2	NA	CH2M
	10/08/2012	2.6	2.6	NA	CH2M
	01/28/2013	2.2	1.9	NA	CH2M
	01/28/2013*	2.2	1.9	NA	CH2M
	04/11/2013	1.7	1.5	NA	CH2M
No. of Samples: 25					
MW-64B	12/03/2007	ND (1.0)	0.792	NA	CH2M
	02/18/2008	1.1	0.787	NA	CH2M
	04/10/2008	ND (1.0)	0.76	NA	CH2M
	06/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/26/2008	ND (1.0)	0.72	NA	CH2M
	02/04/2009	2.65	0.77	NA	CH2M
	02/04/2009*	1.27	0.8	NA	CH2M
	08/12/2009	2.27	0.81	NA	CH2M
	02/11/2010	1.3	0.84	NA	CH2M
	08/20/2010	1.0	0.97	NA	CH2M
	01/28/2011	ND (1.0)	0.87	NA	CH2M
	08/08/2011	1.0	0.75	NA	CH2M
	08/08/2011*	1.2	0.73	NA	CH2M
	02/02/2012	ND (1.0)	0.92	NA	CH2M
	07/19/2012	3.4	0.14	NA	CH2M
	08/23/2012	ND (1.0)	0.61	NA	CH2M
	01/28/2013	1.1	0.82	NA	CH2M
	07/09/2013	2.6	0.43	NA	CH2M
	01/15/2014	1.7	0.44	NA	CH2M
	07/10/2014	1.8	1.0	NA	CH2M
	01/15/2015	1.2	1.0	NA	CH2M
	07/16/2015	1.0	1.2	NA	CH2M
No. of Samples: 22					
MW-66A	02/20/2007	ND (1.0)	0.943	NA	CH2M
	04/12/2007	1.21	0.924	NA	CH2M
	06/19/2007	2.43	1.22	NA	CH2M
	06/19/2007*	1.35	1.24	NA	CH2M
	08/17/2007	1.62	1.47	NA	CH2M
	10/18/2007	1.76	ND (1.61)	NA	CH2M
	12/05/2007	1.57	1.48	NA	CH2M
	02/12/2008	1.39	1.43	NA	CH2M
	04/08/2008	1.46	1.3	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-66A	06/11/2008	2.18	1.7	NA	CH2M
	08/13/2008	1.99	2.04	NA	CH2M
	11/07/2008	1.96	2.15	NA	CH2M
	02/03/2009	1.17	1.23	NA	CH2M
	05/13/2009	1.42	1.19	NA	CH2M
	08/11/2009	1.81	1.59	NA	CH2M
	11/18/2009	1.29	1.26	NA	CH2M
	02/11/2010	1.78	0.98	NA	CH2M
	03/24/2010	1.54	1.35	NA	CH2M
	05/13/2010	2.29	1.79	NA	CH2M
	08/05/2010	2.5	2.8	NA	CH2M
	10/29/2010	2.7	2.6	NA	CH2M
	01/27/2011	2.3	2.6	NA	CH2M
	04/28/2011	3.2	2.8	NA	CH2M
	08/08/2011	2.9	2.8	NA	CH2M
	10/31/2011	3.3	2.9	NA	CH2M
	02/06/2012	3.4	3.2	NA	CH2M
	04/18/2012	3.2	2.9	NA	CH2M
	07/23/2012	2.9	2.8	NA	CH2M
	10/02/2012	3.0	3.1	NA	CH2M
	10/02/2012*	3.2	2.9	NA	CH2M
	02/01/2013	3.5	3.1	NA	CH2M
	04/02/2013	3.8	3.1	NA	CH2M
	04/02/2013*	4.0	3.1	NA	CH2M
	07/18/2013	3.5	3.2	NA	CH2M
	10/16/2013	3.5	3.2	NA	CH2M
	01/21/2014	3.6	3.4	NA	CH2M
	04/02/2014	3.4	3.6	NA	CH2M
	07/08/2014	3.4	3.4	NA	CH2M
	10/14/2014	3.4	3.4	NA	CH2M
	01/13/2015	3.5	3.7	NA	CH2M
	01/13/2015*	3.5	3.7	NA	CH2M
	04/09/2015	3.8	3.6	NA	CH2M
	07/20/2015	3.2	3.7	NA	CH2M
	10/09/2015	3.6	3.7	NA	Arcadis
	01/12/2016	3.9	3.7	NA	Arcadis
	04/19/2016	3.5	3.6	NA	Arcadis
	07/15/2016	3.7	3.6	NA	Arcadis
	10/17/2016	3.7	3.6	NA	Arcadis
	02/01/2017	3.8	3.7	NA	Arcadis
	04/13/2017	4.2	3.7	NA	Arcadis
	07/19/2017	3.6	4.1	NA	Arcadis
	10/12/2017	3.9	3.9	NA	Arcadis
	01/16/2018	3.9	4.0	NA	Arcadis
	04/12/2018	3.9	4.0	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-66A	10/16/2018	4.0	3.9	NA	Arcadis
	02/11/2019	3.8	3.5	NA	Arcadis
	04/09/2019	4.2	3.8	NA	Arcadis
	07/10/2019	4.1	3.7	NA	Arcadis
	10/25/2019	3.8	3.4	NA	Arcadis
	04/24/2020	4.1	3.3	NA	Arcadis
	10/14/2020	5.7	3.1	NA	Arcadis
	12/04/2020	3.2	3.1	NA	Arcadis
	04/07/2021	3.3	3.0	NA	Arcadis
No. of Samples: 63					
MW-67A	12/04/2007	4.49	4.35	NA	CH2M
	02/20/2008	4.75	1.24	NA	CH2M
	02/20/2008*	4.51	1.25	NA	CH2M
	04/11/2008	ND (1.0)	ND (1.0)	NA	CH2M
	06/13/2008	1.59	0.85	NA	CH2M
	08/11/2008	ND (1.0)	0.42	NA	CH2M
	11/07/2008	1.16	0.79	NA	CH2M
	11/07/2008*	ND (1.0)	0.78	NA	CH2M
	02/09/2009	ND (1.0)	0.595	NA	CH2M
	05/13/2009	ND (1.0)	0.92	NA	CH2M
	05/13/2009*	ND (1.0)	0.92	NA	CH2M
	08/12/2009	1.07	0.83	NA	CH2M
	11/17/2009	1.58	1.07	NA	CH2M
	02/11/2010	1.84	0.78	NA	CH2M
	05/11/2010	1.32	1.13	NA	CH2M
	08/05/2010	1.4	1.7	NA	CH2M
	10/29/2010	1.4	1.4	NA	CH2M
	01/27/2011	1.3	1.4	NA	CH2M
	04/04/2011	1.7	1.1	NA	CH2M
	04/04/2011*	1.5	1.1	NA	CH2M
	08/08/2011	ND (1.0)	0.59	NA	CH2M
	10/31/2011	ND (1.0)	0.63	NA	CH2M
	02/06/2012	1.2	0.8	NA	CH2M
	04/18/2012	1.4	0.68	NA	CH2M
	07/11/2012	1.1	0.69	NA	CH2M
	10/08/2012	ND (1.0)	0.82	NA	CH2M
	01/23/2013	1.0	0.83	NA	CH2M
	04/19/2013	ND (1.0)	0.89	NA	CH2M
	04/19/2013*	ND (1.0)	0.86	NA	CH2M
	07/19/2013	1.4	ND (0.98)	NA	CH2M
	07/19/2013*	ND (1.0)	ND (0.94)	NA	CH2M
	10/08/2013	1.1	0.71	NA	CH2M
	01/09/2014	ND (1.0)	0.71	NA	CH2M
	04/03/2014	1.2	0.82	NA	CH2M
	07/14/2014	1.0	0.82	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-67A	10/15/2014	1.1	0.92	NA	CH2M
	10/15/2014*	1.1	0.93	NA	CH2M
	01/06/2015	2.2	0.77	NA	CH2M
	04/10/2015	1.1	ND (0.86)	NA	CH2M
	07/22/2015	ND (1.0)	0.8	NA	CH2M
No. of Samples: 40					
MW-67B	12/03/2007	ND (1.0)	0.56	NA	CH2M
	02/20/2008	ND (1.0)	0.333	NA	CH2M
	04/11/2008	1.05	ND (1.0)	NA	CH2M
	06/13/2008	1.09	0.62	NA	CH2M
	06/13/2008*	ND (1.0)	0.66	NA	CH2M
	08/11/2008	ND (1.0)	0.49	NA	CH2M
	02/09/2009	ND (3.78)	0.418	NA	CH2M
	08/12/2009	ND (1.0)	0.64	NA	CH2M
	02/11/2010	2.02	0.42	NA	CH2M
	08/05/2010	1.3	0.84	NA	CH2M
	08/05/2010*	ND (1.0)	0.75	NA	CH2M
	01/28/2011	ND (1.0)	0.66	NA	CH2M
	01/28/2011*	ND (1.0)	0.67	NA	CH2M
	08/08/2011	1.5	0.43	NA	CH2M
	02/06/2012	ND (1.0)	0.68	NA	CH2M
	07/11/2012	1.6	0.61	NA	CH2M
	01/23/2013	ND (1.0)	0.69	NA	CH2M
	07/19/2013	1.2	ND (0.92)	NA	CH2M
	10/08/2013	NA	0.72	NA	CH2M
	01/09/2014	ND (1.0)	0.71	NA	CH2M
	04/03/2014	NA	0.71	NA	CH2M
	07/14/2014	ND (1.0)	0.67	NA	CH2M
	10/15/2014	NA	0.71	NA	CH2M
	01/06/2015	1.3	0.73	NA	CH2M
	04/10/2015	NA	ND (0.7)	NA	CH2M
	07/22/2015	ND (1.0)	0.22	NA	CH2M
	10/20/2015	NA	0.37	NA	Arcadis
	01/11/2016	NA	0.55	NA	Arcadis
	01/11/2016*	NA	0.55	NA	Arcadis
	07/19/2016	1.3	0.61	NA	Arcadis
	10/18/2016	ND (1.0)	0.59	NA	Arcadis
	01/06/2017	1.0	0.59	NA	Arcadis
	01/06/2017*	1.0	0.59	NA	Arcadis
	04/18/2017	ND (1.0)	0.66	NA	Arcadis
	07/24/2017	ND (1.0)	0.58	NA	Arcadis
	10/20/2017	2.2	0.5	NA	Arcadis
	01/15/2018	1.1	0.61	NA	Arcadis
	04/19/2018	ND (1.0)	0.62	NA	Arcadis
	07/09/2018	ND (1.0)	0.59	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-67B	10/08/2018	1.5	0.49	NA	Arcadis
	01/14/2019	ND (1.0)	0.51	NA	Arcadis
	04/01/2019	ND (1.0)	ND (0.51)	NA	Arcadis
	07/10/2019	1.9	0.55	NA	Arcadis
	11/06/2019	2.5	0.4	NA	Arcadis
	01/10/2020	1.6	0.51	NA	Arcadis
	04/06/2020	ND (1.0)	0.56	NA	Arcadis
	07/07/2020	ND (1.0)	0.49	NA	Arcadis
	10/05/2020	1.2	0.36	NA	Arcadis
	01/11/2021	ND (1.0)	0.47	NA	Arcadis
	04/05/2021	1.5	0.5	NA	Arcadis
No. of Samples: 50					
MW-68C	10/09/2009	ND (1.0)	0.24	NA	CH2M
	11/16/2009	2.16	0.22	NA	CH2M
	02/15/2010	ND (1.0)	0.37	NA	CH2M
	05/13/2010	ND (1.0)	0.3	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	0.22	NA	CH2M
	05/05/2011	ND (1.0)	0.32	NA	CH2M
	08/08/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/31/2011	ND (1.0)	ND (0.082)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.076)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/11/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	11/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2017	ND (1.0)	ND (0.2)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-68C	04/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 40					
MW-68D	04/24/2009	6.11	7.2	NA	CH2M
	05/14/2009	2.78	2.56	NA	CH2M
	05/14/2009*	2.66	2.67	NA	CH2M
	08/04/2009	7.25	6.78	NA	CH2M
	11/12/2009	6.84	6.7	NA	CH2M
	02/15/2010	4.93	4.41	NA	CH2M
	02/15/2010*	5.08	4.54	NA	CH2M
	05/11/2010	5.6	5.3	NA	CH2M
	08/03/2010	6.0	6.6	NA	CH2M
	10/27/2010	5.7	5.0	NA	CH2M
	01/25/2011	4.1	4.0	NA	CH2M
	05/02/2011	4.4	3.5	NA	CH2M
	08/09/2011	4.3	4.0	NA	CH2M
	11/01/2011	4.0	3.7	NA	CH2M
	01/13/2012	3.8	3.8	NA	CH2M
	04/09/2012	8.0	8.1	NA	CH2M
	04/09/2012*	8.8	8.0	NA	CH2M
	07/23/2012	9.9	9.5	NA	CH2M
	10/17/2012	8.5	7.9	NA	CH2M
	10/17/2012*	8.5	7.8	NA	CH2M
	01/24/2013	7.6	7.2	NA	CH2M
	04/16/2013	9.1	8.3	NA	CH2M
	07/30/2013	8.9	7.6	NA	CH2M
	10/16/2013	10	9.4	NA	CH2M
	01/20/2014	9.4	8.4	NA	CH2M
	04/11/2014	12	12	NA	CH2M
	07/18/2014	11	12	NA	CH2M
	10/10/2014	11	12	NA	CH2M
	10/10/2014*	11	12	NA	CH2M
	01/20/2015	10	10	NA	CH2M
	04/07/2015	10	11	NA	CH2M
	07/13/2015	4.3	4.5	NA	CH2M
	10/14/2015	3.2	3.5	NA	Arcadis
	10/14/2015*	3.2	3.5	NA	Arcadis
	01/08/2016	3.4	3.0	NA	Arcadis
	01/08/2016*	3.2	2.9	NA	Arcadis
	03/03/2016	3.3	2.7	NA	Arcadis

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-68D	04/11/2016	4.2	3.0	NA	Arcadis
	07/14/2016	3.0	3.0	NA	Arcadis
	10/18/2016	2.6	2.9	NA	Arcadis
	01/04/2017	2.5	2.6	NA	Arcadis
	04/07/2017	2.3	2.6	NA	Arcadis
	07/13/2017	3.1	2.9	NA	Arcadis
	10/09/2017	2.7	2.6	NA	Arcadis
	01/11/2018	2.9	2.4	NA	Arcadis
	04/10/2018	2.4	2.6	NA	Arcadis
	07/11/2018	2.6	2.4	NA	Arcadis
	10/10/2018	2.6	2.5	NA	Arcadis
	01/08/2019	3.2	1.9	NA	Arcadis
	03/07/2019	2.4	1.9	NA	Arcadis
	04/04/2019	1.9	2.1	NA	Arcadis
	07/09/2019	2.0	1.7	NA	Arcadis
	10/16/2019	1.8	1.9	NA	Arcadis
	01/06/2020	3.4	1.7	NA	Arcadis
	03/04/2020	3.3	1.7	NA	Arcadis
	04/08/2020	1.6	1.2	NA	Arcadis
	07/08/2020	2.5	1.4	NA	Arcadis
	10/12/2020	2.3	1.3	NA	Arcadis
	01/14/2021	1.9	1.0	NA	Arcadis
	04/09/2021	1.8	1.3	NA	Arcadis
No. of Samples: 60					
MW-68S	04/24/2009	1.42	1.2	NA	CH2M
	05/14/2009	ND (1.0)	0.42	NA	CH2M
	08/04/2009	1.21	ND (0.2)	NA	CH2M
	11/12/2009	1.06	0.22	NA	CH2M
	02/15/2010	ND (1.0)	ND (1.05)	NA	CH2M
	05/11/2010	2.2	ND (0.2)	NA	CH2M
	08/03/2010	2.2	ND (0.2)	NA	CH2M
	10/27/2010	2.2	0.35	NA	CH2M
	01/25/2011	1.2	1.2	NA	CH2M
	05/02/2011	1.6	ND (1.0)	NA	CH2M
	08/09/2011	1.7	ND (1.0)	NA	CH2M
	08/09/2011*	1.6	ND (1.0)	NA	CH2M
	11/01/2011	2.0	0.73	NA	CH2M
	01/13/2012	1.2	ND (1.0)	NA	CH2M
	04/09/2012	1.6	0.82	NA	CH2M
	07/23/2012	1.7	0.8	NA	CH2M
	10/17/2012	1.7	0.41	NA	CH2M
	01/24/2013	2.9	1.2	NA	CH2M
	04/16/2013	1.4	0.43	NA	CH2M
	07/30/2013	2.3	ND (0.76)	NA	CH2M
	10/16/2013	1.6	0.85	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-68S	01/20/2014	2.0	1.0	NA	CH2M
	04/11/2014	2.3	1.9	NA	CH2M
	07/18/2014	2.4	1.6	NA	CH2M
	10/10/2014	1.7	1.5	NA	CH2M
	01/20/2015	1.9	1.6	NA	CH2M
	04/07/2015	2.0	1.5	NA	CH2M
	07/13/2015	2.3	1.8	NA	CH2M
	10/14/2015	1.9	1.6	NA	Arcadis
	01/08/2016	6.0	1.5	NA	Arcadis
	03/11/2016	2.0	1.7	NA	Arcadis
	04/11/2016	2.6	1.8	NA	Arcadis
	07/14/2016	2.8	2.2	NA	Arcadis
	10/18/2016	1.8	2.1	NA	Arcadis
	10/18/2016*	1.9	2.0	NA	Arcadis
	01/04/2017	2.5	2.1	NA	Arcadis
	04/07/2017	2.3	1.9	NA	Arcadis
	07/13/2017	2.5	1.9	NA	Arcadis
	07/13/2017*	2.5	1.8	NA	Arcadis
	10/09/2017	2.3	1.8	NA	Arcadis
	01/11/2018	2.3	1.9	NA	Arcadis
	04/10/2018	2.4	2.0	NA	Arcadis
	07/11/2018	2.7	1.9	NA	Arcadis
	10/10/2018	2.4	2.1	NA	Arcadis
	01/08/2019	2.4	1.6	NA	Arcadis
	04/04/2019	2.7	2.3	NA	Arcadis
	07/09/2019	2.9	1.7	NA	Arcadis
	10/16/2019	2.4	1.9	NA	Arcadis
	01/06/2020	3.4	1.8	NA	Arcadis
	03/04/2020	3.2	1.5	NA	Arcadis
	04/08/2020	2.1	1.7	NA	Arcadis
	07/08/2020	3.2	1.2	NA	Arcadis
	09/02/2020	2.8	1.3	NA	Arcadis
	10/12/2020	3.2	1.5	NA	Arcadis
	12/03/2020	2.4	1.2	NA	Arcadis
	01/14/2021	1.9	1.4	NA	Arcadis
	04/09/2021	2.6	1.6	NA	Arcadis
No. of Samples: 57					
MW-69D	04/24/2009	1.58	1.4	NA	CH2M
	05/14/2009	2.46	0.36	NA	CH2M
	08/04/2009	2.05	0.26	NA	CH2M
	11/12/2009	2.11	1.6	NA	CH2M
	02/15/2010	2.12	1.34	NA	CH2M
	05/13/2010	2.11	1.77	NA	CH2M
	08/03/2010	1.7	1.7	NA	CH2M
	10/28/2010	2.7	1.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-69D	01/25/2011	2.1	1.6	NA	CH2M
	05/02/2011	2.2	1.6	NA	CH2M
	06/01/2011	2.0	1.6	NA	CH2M
	08/09/2011	1.8	1.0	NA	CH2M
	11/01/2011	2.0	1.5	NA	CH2M
	01/13/2012	1.7	1.2	NA	CH2M
	04/09/2012	1.6	1.5	NA	CH2M
	07/24/2012	1.1	0.72	NA	CH2M
	10/17/2012	1.2	0.98	NA	CH2M
	01/24/2013	ND (1.0)	0.54	NA	CH2M
	04/11/2013	ND (1.0)	0.44	NA	CH2M
	07/31/2013	1.5	0.6	NA	CH2M
	10/16/2013	1.3	0.95	NA	CH2M
	01/22/2014	1.0	0.6	NA	CH2M
	01/22/2014*	ND (1.0)	0.58	NA	CH2M
	04/11/2014	1.1	0.86	NA	CH2M
	07/18/2014	1.3	1.1	NA	CH2M
	10/16/2014	1.1	0.84	NA	CH2M
	01/19/2015	ND (1.0)	0.85	NA	CH2M
	04/07/2015	1.5	1.1	NA	CH2M
	04/07/2015*	1.4	1.1	NA	CH2M
	07/21/2015	1.3	1.4	NA	CH2M
	10/14/2015	2.0	1.4	NA	Arcadis
	01/07/2016	1.6	0.63 J	NA	Arcadis
	01/07/2016*	2.4	1.1 J	NA	Arcadis
	03/10/2016	2.6	1.3	NA	Arcadis
	04/15/2016	1.7	1.7	NA	Arcadis
	07/11/2016	1.5	1.3	NA	Arcadis
	10/31/2016	2.6	1.6	NA	Arcadis
	04/12/2017	2.4	1.7	NA	Arcadis
	10/10/2017	2.3	1.6	NA	Arcadis
	10/10/2017*	2.2	1.6	NA	Arcadis
	04/10/2018	1.7	1.5	NA	Arcadis
	10/11/2018	2.1	1.5	NA	Arcadis
	04/04/2019	1.8	1.5	NA	Arcadis
	04/04/2019*	1.7	1.5	NA	Arcadis
	10/16/2019	2.8	1.3	NA	Arcadis
	12/03/2019	1.9	1.7	NA	Arcadis
	04/09/2020	1.8	1.5	NA	Arcadis
	10/12/2020	2.1	1.5	NA	Arcadis
	04/14/2021	1.9	1.5	NA	Arcadis
No. of Samples:		49			
MW-69S	04/24/2009	2.15	0.84	NA	CH2M
	05/14/2009	ND (1.0)	0.41	NA	CH2M
	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-69S	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	1.0	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	2.9 J	ND (0.2)	NA	CH2M
	10/28/2010*	ND (1.0 J)	ND (0.2)	NA	CH2M
	01/25/2011	1.3	0.39	NA	CH2M
	01/25/2011*	1.1	0.4	NA	CH2M
	05/02/2011	3.3	1.1	NA	CH2M
	06/01/2011	1.6	1.3	NA	CH2M
	08/09/2011	2.1	ND (1.0)	NA	CH2M
	11/01/2011	ND (1.0)	ND (0.25)	NA	CH2M
	01/13/2012	1.7	ND (0.3)	NA	CH2M
	04/09/2012	1.3	0.18	NA	CH2M
	07/12/2012	1.1	0.33	NA	CH2M
	10/17/2012	ND (1.0)	0.51	NA	CH2M
	01/29/2013	1.9	1.3	NA	CH2M
	04/11/2013	1.4	0.37	NA	CH2M
	07/31/2013	1.1	0.086	NA	CH2M
	10/16/2013	1.4	0.32	NA	CH2M
	01/22/2014	2.9	1.3	NA	CH2M
	04/11/2014	2.7	1.8	NA	CH2M
	07/18/2014	2.1	1.8	NA	CH2M
	10/16/2014	2.4	1.5	NA	CH2M
	01/19/2015	2.1	1.7	NA	CH2M
	04/07/2015	2.7	1.6	NA	CH2M
	07/21/2015	2.5	1.8	NA	CH2M
	10/14/2015	2.0	2.2	NA	Arcadis
	01/07/2016	2.6	1.1	NA	Arcadis
	02/29/2016*	1.8	1.3	NA	Arcadis
	03/10/2016	2.2	1.8	NA	Arcadis
	04/15/2016	1.7	1.4	NA	Arcadis
	04/15/2016*	1.7	1.4	NA	Arcadis
	07/11/2016	16	0.49	NA	Arcadis
	08/05/2016	1.2	1.3	NA	Arcadis
	10/31/2016	1.1	1.3	NA	Arcadis
	04/12/2017	1.2	0.67	NA	Arcadis
	10/10/2017	ND (1.0)	0.94	NA	Arcadis
	04/10/2018	ND (1.0)	0.5	NA	Arcadis
	10/11/2018	ND (1.0)	0.59	NA	Arcadis
	04/04/2019	ND (1.0)	0.52	NA	Arcadis
	10/16/2019	ND (1.0)	0.34	NA	Arcadis
	04/09/2020	ND (1.0)	0.3	NA	Arcadis
	04/09/2020*	ND (1.0)	0.34	NA	Arcadis
	10/12/2020	1.8	0.28	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-69S	10/12/2020*	1.8	0.3	NA	Arcadis
	11/04/2020	7.9	0.63	NA	Arcadis
	04/14/2021	1.4	0.76	NA	Arcadis
	04/14/2021*	1.4	0.72	NA	Arcadis
No. of Samples: 52					
MW-70D	08/04/2009	2.12	2.03	NA	CH2M
	11/12/2009	3.83	3.39	NA	CH2M
	02/15/2010	2.67	2.45	NA	CH2M
	02/15/2010*	3.39	2.62	NA	CH2M
	05/11/2010	2.8	2.6	NA	CH2M
	08/03/2010	1.1	1.3	NA	CH2M
	10/28/2010	4.8	4.6	NA	CH2M
	01/25/2011	4.6	4.6	NA	CH2M
	05/02/2011	4.3	3.8	NA	CH2M
	08/09/2011	1.9	1.6	NA	CH2M
	11/01/2011	2.1	1.9	NA	CH2M
	01/13/2012	ND (1.0)	0.57	NA	CH2M
	04/10/2012	3.0	2.2	NA	CH2M
	07/23/2012	2.3	2.0	NA	CH2M
	07/23/2012*	2.2	2.0	NA	CH2M
	10/17/2012	1.8	1.4	NA	CH2M
	01/24/2013	2.0	1.4	NA	CH2M
	01/24/2013*	2.0	1.5	NA	CH2M
	04/11/2013	1.5	1.4	NA	CH2M
	07/30/2013	1.8	1.5	NA	CH2M
	10/16/2013	1.8	1.2	NA	CH2M
	01/20/2014	2.0	1.4	NA	CH2M
	04/11/2014	1.6	1.5	NA	CH2M
	07/24/2014	2.2	1.7	NA	CH2M
	10/14/2014	1.5	1.4	NA	CH2M
	01/20/2015	2.0	2.1	NA	CH2M
	04/07/2015	2.4	1.8	NA	CH2M
	07/21/2015	1.8	1.7	NA	CH2M
	10/14/2015	ND (1.0)	0.74	NA	Arcadis
	01/08/2016	ND (1.0)	0.67	NA	Arcadis
	04/15/2016	1.8	1.5	NA	Arcadis
	07/12/2016	1.3	1.1	NA	Arcadis
	10/13/2016	ND (1.0)	0.41	NA	Arcadis
	01/04/2017	1.3	0.93	NA	Arcadis
	04/07/2017	1.6	1.4	NA	Arcadis
	07/13/2017	1.8	1.1	NA	Arcadis
	10/16/2017	1.7	1.4	NA	Arcadis
	01/11/2018	1.5	1.1	NA	Arcadis
	01/11/2018*	1.5	1.1	NA	Arcadis
	04/10/2018	1.4	1.2	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-70D	07/20/2018	1.3	1.3	NA	Arcadis
	10/08/2018	1.0	0.91	NA	Arcadis
	01/08/2019	1.4	1.1	NA	Arcadis
	04/04/2019	1.4	1.3	NA	Arcadis
	07/08/2019	1.4	1.5	NA	Arcadis
	07/08/2019*	1.5	1.5	NA	Arcadis
	10/22/2019	1.7	1.5	NA	Arcadis
	01/06/2020	1.6	1.2	NA	Arcadis
	04/08/2020	ND (1.0)	0.77	NA	Arcadis
	07/09/2020	1.4	0.86	NA	Arcadis
	10/12/2020	1.7	1.3	NA	Arcadis
	01/14/2021	1.2	1.0	NA	Arcadis
	04/09/2021	1.7	1.3	NA	Arcadis
No. of Samples: 53					
MW-70S	08/04/2009	2.2	1.23	NA	CH2M
	11/12/2009	2.36	1.22	NA	CH2M
	02/15/2010	2.09	1.68	NA	CH2M
	05/11/2010	2.6	1.8	NA	CH2M
	08/03/2010	2.0	2.4	NA	CH2M
	10/28/2010	3.0	1.6	NA	CH2M
	01/25/2011	1.9	1.8	NA	CH2M
	05/02/2011	2.2	1.6	NA	CH2M
	05/02/2011*	2.5	1.7	NA	CH2M
	08/09/2011	2.3	1.5	NA	CH2M
	11/01/2011	2.0	1.5	NA	CH2M
	01/13/2012	2.6	1.2	NA	CH2M
	04/10/2012	2.4	1.5	NA	CH2M
	07/23/2012	1.7	1.3	NA	CH2M
	10/17/2012	1.8	1.2	NA	CH2M
	01/24/2013	1.9	1.3	NA	CH2M
	04/11/2013	2.0	1.5	NA	CH2M
	07/30/2013	1.8	1.4	NA	CH2M
	10/16/2013	2.3	1.4	NA	CH2M
	01/20/2014	1.4	0.75	NA	CH2M
	04/11/2014	2.0	1.7	NA	CH2M
	07/24/2014	2.0	1.6	NA	CH2M
	10/14/2014	1.9	1.7	NA	CH2M
	01/20/2015	3.6	1.7	NA	CH2M
	03/03/2015	1.5	1.7	NA	CH2M
	04/07/2015	2.3	1.6	NA	CH2M
	04/07/2015*	2.3	1.6	NA	CH2M
	07/21/2015	1.6	1.6	NA	CH2M
	10/14/2015	1.6	1.5	NA	Arcadis
	01/08/2016	2.1	1.6	NA	Arcadis
	04/15/2016	1.8	1.6	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-70S	07/12/2016	1.5	1.6	NA	Arcadis
	10/13/2016	3.2	1.4	NA	Arcadis
	12/08/2016	2.1	1.6	NA	Arcadis
	01/04/2017	1.9	1.1	NA	Arcadis
	01/04/2017*	1.6	1.1	NA	Arcadis
	04/07/2017	1.8	1.6	NA	Arcadis
	07/13/2017	2.0	1.3	NA	Arcadis
	10/16/2017	1.2	1.6	NA	Arcadis
	01/11/2018	1.5	0.73	NA	Arcadis
	04/10/2018	1.2	0.95	NA	Arcadis
	07/20/2018	1.7	1.0	NA	Arcadis
	10/08/2018	1.4	0.97	NA	Arcadis
	01/08/2019	1.4	1.0	NA	Arcadis
	04/04/2019	1.6	1.2	NA	Arcadis
	07/08/2019	1.0	1.2	NA	Arcadis
	10/22/2019	1.3	1.2	NA	Arcadis
	10/22/2019*	1.4	1.2	NA	Arcadis
	01/06/2020	2.2	1.1	NA	Arcadis
	05/06/2020	1.6	0.72	NA	Arcadis
	07/09/2020	1.7	0.33	NA	Arcadis
	07/09/2020*	1.8	0.26	NA	Arcadis
	10/12/2020	1.7	0.51	NA	Arcadis
	01/14/2021	1.5	0.49	NA	Arcadis
	04/09/2021	2.0	0.74	NA	Arcadis
No. of Samples:		55			
MW-71D	08/04/2009	ND (1.0)	1.04	NA	CH2M
	11/12/2009	1.88	1.7	NA	CH2M
	02/15/2010	ND (1.0)	0.65	NA	CH2M
	05/11/2010	ND (1.0)	0.64	NA	CH2M
	08/03/2010	1.1	0.66	NA	CH2M
	10/28/2010	2.6	2.6	NA	CH2M
	01/25/2011	3.4	3.7	NA	CH2M
	04/27/2011	2.9	2.1	NA	CH2M
	08/09/2011	2.6	2.5	NA	CH2M
	11/01/2011	2.8	3.0	NA	CH2M
	01/17/2012	2.0	1.8	NA	CH2M
	01/17/2012*	2.0	1.8	NA	CH2M
	04/10/2012	2.0	1.9	NA	CH2M
	07/30/2012	2.0	1.6	NA	CH2M
	10/17/2012	2.1	1.6	NA	CH2M
	01/24/2013	ND (1.0)	0.48	NA	CH2M
	04/11/2013	2.9	2.7	NA	CH2M
	07/30/2013	2.6	2.2	NA	CH2M
	10/16/2013	3.1	2.6	NA	CH2M
	01/20/2014	2.8	2.5	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-71D	04/14/2014	2.9	2.6	NA	CH2M
	07/18/2014	2.4	2.3	NA	CH2M
	10/14/2014	2.5	2.3	NA	CH2M
	01/20/2015	2.4	2.2	NA	CH2M
	04/07/2015	2.8	2.6	NA	CH2M
	07/21/2015	1.5	1.6	NA	CH2M
	10/14/2015	2.0	1.9	NA	Arcadis
	01/08/2016	2.4	2.1	NA	Arcadis
	04/15/2016	1.7	1.6	NA	Arcadis
	07/12/2016	2.4	2.4	NA	Arcadis
	10/13/2016	2.4	2.0	NA	Arcadis
	01/04/2017	2.1	1.4	NA	Arcadis
	04/12/2017	1.9	1.4	NA	Arcadis
	07/13/2017	ND (1.0)	0.27	NA	Arcadis
	10/16/2017	ND (1.0)	0.43	NA	Arcadis
	01/11/2018	ND (1.0)	0.35	NA	Arcadis
	04/10/2018	ND (1.0)	0.3	NA	Arcadis
	07/20/2018	1.2	0.4	NA	Arcadis
	10/10/2018	ND (1.0)	0.59	NA	Arcadis
	10/10/2018*	ND (1.0)	0.57	NA	Arcadis
	01/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/08/2019	ND (1.0)	0.063	NA	Arcadis
	10/11/2019	ND (1.0)	0.12	NA	Arcadis
	01/07/2020	1.5	0.4	NA	Arcadis
	04/08/2020	ND (1.0)	0.068	NA	Arcadis
	07/09/2020	ND (1.0)	0.082	NA	Arcadis
	10/12/2020	ND (1.0)	0.4	NA	Arcadis
	01/14/2021	ND (1.0)	0.35	NA	Arcadis
	04/09/2021	ND (1.0)	0.16	NA	Arcadis
No. of Samples:		50			
MW-71S	08/04/2009	2.5	2.09	NA	CH2M
	11/12/2009	2.78	2.39	NA	CH2M
	02/15/2010	2.4	1.89	NA	CH2M
	05/11/2010	3.0	2.5	NA	CH2M
	08/03/2010	3.0	2.4	NA	CH2M
	10/28/2010	2.4	2.4	NA	CH2M
	01/25/2011	2.4	2.4	NA	CH2M
	04/27/2011	2.9	2.8	NA	CH2M
	08/09/2011	3.2	2.5	NA	CH2M
	11/01/2011	4.7	4.5	NA	CH2M
	01/17/2012	3.9	3.5	NA	CH2M
	04/10/2012	3.1	3.0	NA	CH2M
	07/30/2012	5.1	4.5	NA	CH2M
	10/17/2012	5.2	4.8	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-71S	01/24/2013	5.6	4.8	NA	CH2M
	04/11/2013	2.4	1.9	NA	CH2M
	07/31/2013	2.7	1.6	NA	CH2M
	10/16/2013	2.3	1.4	NA	CH2M
	01/20/2014	2.8	1.6	NA	CH2M
	04/14/2014	1.6	1.4	NA	CH2M
	07/18/2014	1.7	1.3	NA	CH2M
	10/14/2014	1.7	1.5	NA	CH2M
	01/20/2015	1.3	1.3	NA	CH2M
	04/07/2015	1.8	0.95	NA	CH2M
	07/21/2015	1.0	1.1	NA	CH2M
	10/14/2015	2.4	1.0	NA	Arcadis
	12/10/2015	1.9	1.0	NA	Arcadis
	01/08/2016	2.0	0.88	NA	Arcadis
	04/15/2016	ND (1.0)	0.92	NA	Arcadis
	07/12/2016	1.1	0.97	NA	Arcadis
	07/12/2016*	1.2	0.99	NA	Arcadis
	10/13/2016	1.7	0.95	NA	Arcadis
	01/04/2017	2.2	0.81	NA	Arcadis
	04/12/2017	1.6	0.72	NA	Arcadis
	07/13/2017	1.3	0.95	NA	Arcadis
	10/16/2017	1.4	0.68	NA	Arcadis
	01/11/2018	1.2	0.67	NA	Arcadis
	04/10/2018	ND (1.0)	0.56	NA	Arcadis
	07/20/2018	1.3	0.61	NA	Arcadis
	10/11/2018	2.2	0.6	NA	Arcadis
	01/08/2019	1.4	0.67	NA	Arcadis
	04/04/2019	1.5	0.82	NA	Arcadis
	07/08/2019	1.4	0.77	NA	Arcadis
	10/11/2019	1.4	0.7	NA	Arcadis
	01/07/2020	1.3	0.67	NA	Arcadis
	04/08/2020	2.5	0.72	NA	Arcadis
	07/09/2020	2.1	0.76	NA	Arcadis
	10/12/2020	1.2	0.73	NA	Arcadis
	01/14/2021	2.1	0.79	NA	Arcadis
	04/09/2021	2.9	0.78	NA	Arcadis
No. of Samples:		50			
MW-72D	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/11/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	1.0	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/27/2011	2.1	ND (0.2)	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-72D	06/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2011	ND (1.0)	ND (0.068)	NA	CH2M
	11/02/2011*	ND (1.0)	ND (0.078)	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	0.067	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.068	NA	CH2M
	07/18/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.071)	NA	CH2M
	01/19/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.064)	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2015*	ND (1.0)	ND (0.097)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:		30			
MW-72S	08/04/2009	3.3	2.97	NA	CH2M
	11/12/2009	5.57	5.42	NA	CH2M
	11/12/2009*	5.57	5.39	NA	CH2M
	02/15/2010	6.6	6.29	NA	CH2M
	05/11/2010	6.6	6.1	NA	CH2M
	08/03/2010	5.0	5.2	NA	CH2M
	10/28/2010	6.3	7.2	NA	CH2M
	01/25/2011	6.0	6.4	NA	CH2M
	04/27/2011	6.1	4.7	NA	CH2M
	06/01/2011	6.7	6.6	NA	CH2M
	08/02/2011	4.3	3.7	NA	CH2M
	11/02/2011	5.9	6.2	NA	CH2M
	01/17/2012	6.5	5.8	NA	CH2M
	04/10/2012	5.5	5.5	NA	CH2M
	07/23/2012	5.1	5.0	NA	CH2M
	10/18/2012	4.2	4.3	NA	CH2M
	01/31/2013	5.0	4.6	NA	CH2M
	04/11/2013	4.8	4.4	NA	CH2M
	08/01/2013	4.9	4.4	NA	CH2M
	10/16/2013	5.0	4.4	NA	CH2M
	10/16/2013*	5.0	4.4	NA	CH2M
	01/20/2014	4.7	4.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-72S	04/14/2014	4.9	4.8	NA	CH2M
	07/18/2014	4.3	4.7	NA	CH2M
	10/09/2014	4.7	4.8	NA	CH2M
	01/19/2015	4.6	4.8	NA	CH2M
	04/07/2015	4.8	4.5	NA	CH2M
	07/13/2015	4.7	4.7	NA	CH2M
	10/14/2015	4.4	4.8	NA	Arcadis
	01/08/2016	5.5	4.5	NA	Arcadis
	04/07/2016	4.8	4.8	NA	Arcadis
	07/14/2016	5.3	4.8	NA	Arcadis
	10/31/2016	4.9	4.8	NA	Arcadis
	02/01/2017	4.6	4.7	NA	Arcadis
	04/11/2017	4.6	4.9	NA	Arcadis
	07/14/2017	5.2	4.8	NA	Arcadis
	01/10/2018	6.0	5.3	NA	Arcadis
	04/18/2018	5.6	5.7	NA	Arcadis
	10/10/2018	5.6	5.4	NA	Arcadis
	02/11/2019	5.9	5.4	NA	Arcadis
	04/04/2019	5.0	4.9	NA	Arcadis
	07/09/2019	5.8	5.7	NA	Arcadis
	10/11/2019	5.5	4.5	NA	Arcadis
	10/11/2019*	5.3	4.4	NA	Arcadis
	05/06/2020	4.4	4.3	NA	Arcadis
	05/06/2020*	4.3	4.4	NA	Arcadis
	10/12/2020	6.0	5.3	NA	Arcadis
	10/12/2020*	6.1	5.3	NA	Arcadis
	04/14/2021	6.0	6.1	NA	Arcadis
	04/14/2021*	6.1	6.0	NA	Arcadis
No. of Samples:		50			
MW-73D	11/13/2009	1.17	0.86	NA	CH2M
	02/18/2010	1.06	0.9	NA	CH2M
	05/11/2010	1.7	0.59	NA	CH2M
	08/20/2010	1.4	1.0	NA	CH2M
	08/20/2010*	1.3	0.97	NA	CH2M
	10/29/2010	1.1	0.85	NA	CH2M
	01/27/2011	ND (1.0)	0.86	NA	CH2M
	04/29/2011	1.2	0.84	NA	CH2M
	04/29/2011*	1.2	0.74	NA	CH2M
	08/09/2011	ND (1.0)	0.9	NA	CH2M
	10/31/2011	1.6	0.81	NA	CH2M
	01/30/2012	1.8	0.78	NA	CH2M
	04/12/2012	1.0	0.84	NA	CH2M
	07/23/2012	1.0	0.77	NA	CH2M
	10/09/2012	ND (1.0)	0.8	NA	CH2M
	01/23/2013	ND (1.0)	0.82	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-73D	04/18/2013	ND (1.0)	0.88	NA	CH2M
	07/18/2013	1.0	0.93	NA	CH2M
	10/08/2013	ND (1.0)	0.73	NA	CH2M
	01/13/2014	ND (1.0)	0.85	NA	CH2M
	04/04/2014	1.1	0.89	NA	CH2M
	07/10/2014	1.0	0.81	NA	CH2M
	10/15/2014	1.2	0.82	NA	CH2M
	01/06/2015	1.4	0.89	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.87)	NA	CH2M
	07/20/2015	ND (1.0)	ND (0.8)	NA	CH2M
	10/20/2015	ND (1.0)	0.98	NA	Arcadis
	01/13/2016	NA	0.76	NA	Arcadis
	04/19/2016	1.0	0.92	NA	Arcadis
	07/15/2016	ND (1.0)	0.99	NA	Arcadis
	10/18/2016	ND (1.0)	0.77	NA	Arcadis
	01/06/2017	1.1	0.78	NA	Arcadis
	04/18/2017	1.1	0.81	NA	Arcadis
	07/24/2017	1.2	0.74	NA	Arcadis
	10/20/2017	ND (1.0)	0.8	NA	Arcadis
	01/15/2018	1.4	0.81	NA	Arcadis
	04/19/2018	1.6	0.81	NA	Arcadis
	07/19/2018	1.1	0.92	NA	Arcadis
	10/16/2018	1.2	0.96	NA	Arcadis
	01/10/2019	1.1	0.99	NA	Arcadis
	04/11/2019	1.3	1.1	NA	Arcadis
	07/10/2019	1.2	1.1	NA	Arcadis
	11/07/2019	2.5	0.92	NA	Arcadis
	01/14/2020	1.5	1.0	NA	Arcadis
	04/16/2020	3.2	1.1	NA	Arcadis
	06/04/2020	1.7	1.0	NA	Arcadis
	07/15/2020	1.5	0.99	NA	Arcadis
	07/15/2020*	1.6	1.0	NA	Arcadis
	10/21/2020	1.5	1.1	NA	Arcadis
	01/05/2021	1.1	1.1	NA	Arcadis
	04/16/2021	1.8	1.1	NA	Arcadis
No. of Samples:		51			
MW-73S	11/13/2009	ND (1.0)	0.86	NA	CH2M
	02/18/2010	ND (1.0)	0.78	NA	CH2M
	05/11/2010	1.6	0.68	NA	CH2M
	08/20/2010	1.3	0.94	NA	CH2M
	10/29/2010	ND (1.0)	0.79	NA	CH2M
	01/27/2011	ND (1.0)	0.84	NA	CH2M
	04/29/2011	1.3	0.96	NA	CH2M
	08/09/2011	ND (1.0)	1.2	NA	CH2M
	10/31/2011	2.1	1.0	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-73S	01/30/2012	3.6 J	0.99	NA	CH2M
	04/12/2012	1.3	1.0	NA	CH2M
	07/23/2012	1.3	0.89	NA	CH2M
	10/09/2012	1.1	0.9	NA	CH2M
	01/23/2013	1.1	0.97	NA	CH2M
	04/18/2013	ND (1.0)	1.1	NA	CH2M
	07/18/2013	1.8	1.1	NA	CH2M
	10/08/2013	1.2	1.1	NA	CH2M
	10/08/2013*	1.2	1.1	NA	CH2M
	01/13/2014	1.2	1.0	NA	CH2M
	04/04/2014	1.2	1.0	NA	CH2M
	07/10/2014	1.2	0.92	NA	CH2M
	10/15/2014	1.1	1.0	NA	CH2M
	01/06/2015	1.1	0.98	NA	CH2M
	01/06/2015*	1.1	0.98	NA	CH2M
	04/10/2015	1.2	ND (1.1)	NA	CH2M
	07/20/2015	ND (1.0)	ND (1.0)	NA	CH2M
	10/20/2015	1.1	1.1	NA	Arcadis
	01/13/2016	NA	1.1	NA	Arcadis
	04/19/2016	1.4	1.1	NA	Arcadis
	07/15/2016	1.2	1.2	NA	Arcadis
	01/05/2021	1.1	1.3	NA	Arcadis
	04/16/2021	1.2	1.2	NA	Arcadis
No. of Samples: 32					
MW-74D	11/13/2009	2.44	2.62	NA	CH2M
	02/18/2010	2.63	2.16	NA	CH2M
	02/18/2010*	2.57	2.17	NA	CH2M
	05/11/2010	3.3	1.9	NA	CH2M
	05/11/2010*	3.3	1.9	NA	CH2M
	08/20/2010	2.8	2.1	NA	CH2M
	08/20/2010*	2.7	2.0	NA	CH2M
	10/29/2010	2.3	2.3	NA	CH2M
	01/27/2011	3.8	4.3	NA	CH2M
	04/29/2011	2.5	1.5	NA	CH2M
	08/09/2011	2.8	3.3	NA	CH2M
	10/31/2011	2.9	3.1	NA	CH2M
	10/31/2011*	2.9	3.4	NA	CH2M
	01/30/2012	4.7	4.4	NA	CH2M
	04/12/2012	6.6	6.3	NA	CH2M
	07/23/2012	4.8	4.6	NA	CH2M
	10/09/2012	2.2	1.9	NA	CH2M
	10/09/2012*	2.2	1.9	NA	CH2M
	01/21/2013	2.1	1.7	NA	CH2M
	04/16/2013	2.1	1.9	NA	CH2M
	07/30/2013	3.0	2.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-74D	10/17/2013	2.6	2.2	NA	CH2M
	01/22/2014	1.8	1.6	NA	CH2M
	01/22/2014*	1.8	1.6	NA	CH2M
	04/03/2014	2.8	2.4	NA	CH2M
	07/09/2014	5.2	5.5	NA	CH2M
	10/15/2014	2.7	2.4	NA	CH2M
	01/13/2015	2.1	2.3	NA	CH2M
	04/10/2015	2.4	2.0	NA	CH2M
	07/20/2015	19	21	NA	CH2M
	09/02/2015	2.3	2.1	NA	CH2M
	10/21/2015	2.1	2.0	NA	Arcadis
	05/03/2016	4.4	4.4	NA	Arcadis
	11/01/2016	2.6	2.4	NA	Arcadis
	01/06/2017	4.0	3.6	NA	Arcadis
	03/08/2017	3.1	2.4	NA	Arcadis
	04/18/2017	14	14	NA	Arcadis
	06/07/2017	2.6	2.6	NA	Arcadis
	07/24/2017	3.8	3.8	NA	Arcadis
	09/07/2017	3.7	3.8	NA	Arcadis
	10/20/2017	3.1	3.2	NA	Arcadis
	01/15/2018	3.1	2.5	NA	Arcadis
	05/01/2018	3.7	3.3	NA	Arcadis
	07/19/2018	3.1	3.0	NA	Arcadis
	10/17/2018	3.1	2.9	NA	Arcadis
	01/10/2019	3.4	2.9	NA	Arcadis
	04/11/2019	3.3	3.3	NA	Arcadis
	07/11/2019	3.2	3.3	NA	Arcadis
	11/07/2019	4.4	3.0	NA	Arcadis
	01/14/2020	3.9	3.5	NA	Arcadis
	04/16/2020	4.0	3.7	NA	Arcadis
	07/15/2020	4.2	3.4	NA	Arcadis
	10/21/2020	4.4	3.8	NA	Arcadis
	01/05/2021	3.4	3.0	NA	Arcadis
	04/16/2021	4.5	4.5	NA	Arcadis
	06/04/2021	4.7	4.2	NA	Arcadis
No. of Samples:	56				
MW-74D2	09/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	11/01/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/06/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/24/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2017	ND (1.0)	0.36	NA	Arcadis
	01/15/2018	ND (1.0)	0.43	NA	Arcadis
	01/15/2018*	ND (1.0)	0.46	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-74D2	05/01/2018	ND (1.0)	0.5	NA	Arcadis
	07/19/2018	ND (1.0)	0.53	NA	Arcadis
	10/17/2018	ND (1.0)	0.6	NA	Arcadis
	01/10/2019	ND (1.0)	0.59	NA	Arcadis
	04/11/2019	ND (1.0)	0.63	NA	Arcadis
	07/11/2019	1.1	0.51	NA	Arcadis
	11/07/2019	1.5	0.43	NA	Arcadis
	01/14/2020	ND (1.0)	0.55	NA	Arcadis
	04/16/2020	ND (1.0)	0.34	NA	Arcadis
	07/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/21/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/05/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2021	ND (1.0)	ND (0.2)	NA	Arcadis
<i>No. of Samples:</i> 22					
MW-74S	11/16/2009	5.28	4.35	NA	CH2M
	02/18/2010	15	16.5	NA	CH2M
	05/11/2010	18.9	15.7	NA	CH2M
<i>No. of Samples:</i> 3					
MW-75D	11/16/2009	ND (1.0)	0.52	NA	CH2M
	02/18/2010	1.2	0.7	NA	CH2M
	05/11/2010	1.36	1.25	NA	CH2M
	08/05/2010	1.7	1.9	NA	CH2M
	10/29/2010	1.6	1.4	NA	CH2M
	01/27/2011	1.6	1.6	NA	CH2M
	04/28/2011	2.6	1.7	NA	CH2M
	06/01/2011	1.6	1.6	NA	CH2M
	08/09/2011	ND (1.0)	1.2	NA	CH2M
	10/31/2011	1.2	1.2	NA	CH2M
	01/30/2012	3.5 J	0.62	NA	CH2M
	04/12/2012	1.3	1.0	NA	CH2M
	07/31/2012	1.2	1.1	NA	CH2M
	10/09/2012	ND (1.0)	0.62	NA	CH2M
	01/28/2013	1.3	0.9	NA	CH2M
	04/17/2013	1.7	1.0	NA	CH2M
	07/09/2013	ND (1.0)	0.7	NA	CH2M
	10/17/2013	1.5	0.92	NA	CH2M
	01/21/2014	1.5	1.0	NA	CH2M
	04/03/2014	1.8	0.98	NA	CH2M
	04/03/2014*	1.6	1.0	NA	CH2M
	07/10/2014	1.0	1.1	NA	CH2M
	10/15/2014	ND (1.0)	0.38	NA	CH2M
	01/13/2015	1.1	1.2	NA	CH2M
	04/10/2015	2.1	0.97	NA	CH2M
	07/16/2015	1.3	1.1	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-75D	10/21/2015	1.0	0.98	NA	Arcadis
	07/15/2016	1.4	1.4	NA	Arcadis
	07/15/2016*	1.5	1.4	NA	Arcadis
	10/18/2016	1.2	0.97	NA	Arcadis
	10/18/2016*	1.1	0.94	NA	Arcadis
	01/06/2017	ND (1.0)	0.6	NA	Arcadis
	01/06/2017*	ND (1.0)	0.56	NA	Arcadis
	04/13/2017	ND (1.0)	0.7	NA	Arcadis
	07/25/2017	ND (1.0)	0.57	NA	Arcadis
	11/07/2017	1.1	0.88	NA	Arcadis
	01/15/2018	ND (1.0)	0.73	NA	Arcadis
	06/06/2018	ND (1.0)	0.62	NA	Arcadis
	07/12/2018	ND (1.0)	0.62	NA	Arcadis
	10/19/2018	ND (1.0)	0.23	NA	Arcadis
	01/09/2019	ND (1.0)	0.22	NA	Arcadis
	04/11/2019	ND (1.0)	0.44	NA	Arcadis
	07/10/2019	ND (1.0)	0.72	NA	Arcadis
	11/06/2019	ND (1.0)	0.28	NA	Arcadis
	01/14/2020	ND (1.0)	0.86	NA	Arcadis
	04/24/2020	ND (1.0)	0.9	NA	Arcadis
	07/15/2020	ND (1.0)	0.72	NA	Arcadis
	10/21/2020	1.2	0.75	NA	Arcadis
	02/03/2021	1.0	0.93	NA	Arcadis
	05/06/2021	ND (1.0)	0.45	NA	Arcadis
No. of Samples: 50					
MW-76D	11/16/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	0.45	NA	CH2M
	05/11/2010	1.1	0.51	NA	CH2M
	08/05/2010	ND (1.0)	0.82	NA	CH2M
	10/26/2010	1.1	0.92	NA	CH2M
	01/25/2011	ND (1.0)	0.62	NA	CH2M
	04/28/2011	ND (1.0)	0.78	NA	CH2M
	08/09/2011	ND (1.0)	0.9	NA	CH2M
	08/09/2011*	ND (1.0)	0.93	NA	CH2M
	10/31/2011	1.2	0.96	NA	CH2M
	02/06/2012	1.3	0.72	NA	CH2M
	04/12/2012	ND (1.0)	0.77	NA	CH2M
	07/20/2012	ND (1.0)	0.67	NA	CH2M
	07/20/2012*	ND (1.0)	0.71	NA	CH2M
	10/09/2012	1.0	0.69	NA	CH2M
	01/23/2013	ND (1.0)	0.7	NA	CH2M
	01/23/2013*	ND (1.0)	0.71	NA	CH2M
	04/16/2013	ND (1.0)	0.75	NA	CH2M
	07/09/2013	1.1	0.51	NA	CH2M
	10/09/2013	ND (1.0)	0.67	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-76D	01/21/2014	ND (1.0)	0.66	NA	CH2M
	04/02/2014	1.3	0.77	NA	CH2M
	07/08/2014	ND (1.0)	0.75	NA	CH2M
	10/14/2014	ND (1.0)	0.83	NA	CH2M
	01/13/2015	ND (1.0)	0.86	NA	CH2M
	04/09/2015	ND (1.0)	0.85	NA	CH2M
	07/23/2015	ND (1.0)	0.88	NA	CH2M
	10/08/2015	ND (1.0)	0.86	NA	Arcadis
No. of Samples: 28					
MW-76S	11/16/2009	3.6	4.39	NA	CH2M
	11/16/2009*	4.21	4.36	NA	CH2M
	02/15/2010	5.12	4.41	NA	CH2M
	05/11/2010	6.6	4.7	NA	CH2M
	08/05/2010	6.3	7.8	NA	CH2M
	10/26/2010	3.5	3.7	NA	CH2M
	01/25/2011	2.3	2.2	NA	CH2M
	04/28/2011	4.2	3.2	NA	CH2M
	06/01/2011	3.3	3.3	NA	CH2M
	08/09/2011	3.4	3.5	NA	CH2M
	10/31/2011	3.0	3.1	NA	CH2M
	02/06/2012	3.2	3.0	NA	CH2M
	04/12/2012	3.4	3.1	NA	CH2M
	07/20/2012	3.0	3.0	NA	CH2M
	10/09/2012	2.4	2.6	NA	CH2M
	01/23/2013	3.9	3.9	NA	CH2M
	04/16/2013	3.9	4.2	NA	CH2M
	07/09/2013	4.1	3.4	NA	CH2M
	10/09/2013	3.1	3.1	NA	CH2M
	01/21/2014	3.9	3.6	NA	CH2M
	04/02/2014	3.8	3.8	NA	CH2M
	07/08/2014	3.8	3.7	NA	CH2M
	10/14/2014	3.9	3.7	NA	CH2M
	01/13/2015	3.9	4.1	NA	CH2M
	01/13/2015*	3.9	4.1	NA	CH2M
	04/09/2015	3.9	3.8	NA	CH2M
	07/23/2015	3.5	3.7	NA	CH2M
	10/08/2015	3.9	3.7	NA	Arcadis
	01/12/2016	3.5	3.6	NA	Arcadis
	04/20/2016	3.5	3.2	NA	Arcadis
	07/14/2016	3.2	3.1	NA	Arcadis
	10/17/2016	2.6	2.5	NA	Arcadis
	04/17/2017	3.6	3.5	NA	Arcadis
	10/12/2017	3.7	3.9	NA	Arcadis
	04/11/2018	3.4	2.5	NA	Arcadis
	04/11/2018*	3.2	2.6	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-76S	10/16/2018	2.0	1.9	NA	Arcadis
	04/09/2019	4.9	2.0	NA	Arcadis
	06/05/2019	2.7	2.2	NA	Arcadis
	10/25/2019	7.0	1.2	NA	Arcadis
	12/04/2019	1.7	1.7	NA	Arcadis
	04/09/2020	1.7	1.2	NA	Arcadis
	10/15/2020	1.3	1.0	NA	Arcadis
	04/07/2021	1.2	1.1	NA	Arcadis
No. of Samples: 44					
MW-77D	02/18/2010	1.28	1.22	NA	CH2M
	05/11/2010	2.2	0.68	NA	CH2M
	08/23/2010	1.3	1.4	NA	CH2M
	10/27/2010	1.7	1.3	NA	CH2M
	01/26/2011	ND (1.0)	1.2	NA	CH2M
	04/29/2011	1.6	1.2	NA	CH2M
	08/09/2011	ND (1.0)	1.2	NA	CH2M
	10/31/2011	1.2	1.2	NA	CH2M
	02/03/2012	1.2	0.84	NA	CH2M
	04/12/2012	1.2	1.0	NA	CH2M
	07/23/2012	1.3	0.93	NA	CH2M
	10/09/2012	1.1	1.0	NA	CH2M
	01/21/2013	1.0	0.98	NA	CH2M
	04/03/2013	1.4	1.1	NA	CH2M
	07/30/2013	1.3	0.96	NA	CH2M
	10/17/2013	1.4	1.0	NA	CH2M
	01/23/2014	1.0	1.0	NA	CH2M
	04/04/2014	1.4	1.2	NA	CH2M
	07/10/2014	1.3	1.0	NA	CH2M
	07/10/2014*	1.4	1.1	NA	CH2M
	10/22/2014	1.3	1.2	NA	CH2M
	01/13/2015	2.1	1.3	NA	CH2M
	04/14/2015	1.2	1.0	NA	CH2M
	07/23/2015	ND (1.0)	1.1	NA	CH2M
	10/12/2015	1.2	1.0	NA	Arcadis
No. of Samples: 25					
MW-77S	02/18/2010	ND (1.0)	0.79	NA	CH2M
	05/11/2010	1.1	0.8	NA	CH2M
	08/23/2010	ND (1.0)	0.72	NA	CH2M
	10/27/2010	1.3	1.0	NA	CH2M
	01/26/2011	ND (1.0)	0.99	NA	CH2M
	04/29/2011	1.3	0.96	NA	CH2M
	08/09/2011	ND (1.0)	0.96	NA	CH2M
	10/31/2011	1.0	0.98	NA	CH2M
	02/03/2012	1.2	0.84	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-77S	02/03/2012*	1.1	0.86	NA	CH2M
	04/12/2012	1.1	0.9	NA	CH2M
	07/23/2012	1.2	0.78	NA	CH2M
	10/09/2012	ND (1.0)	0.89	NA	CH2M
	01/21/2013	ND (1.0)	0.9	NA	CH2M
	04/03/2013	1.1	0.88	NA	CH2M
	07/30/2013	1.1	0.79	NA	CH2M
	10/17/2013	1.1	0.79	NA	CH2M
	10/17/2013*	1.3	0.79	NA	CH2M
	01/23/2014	ND (1.0)	0.77	NA	CH2M
	04/04/2014	ND (1.0)	0.87	NA	CH2M
	07/10/2014	ND (1.0)	0.87	NA	CH2M
	10/22/2014	1.1	0.91	NA	CH2M
	01/13/2015	1.3	0.95	NA	CH2M
	04/14/2015	ND (1.0)	0.92	NA	CH2M
	07/23/2015	ND (1.0)	0.88	NA	CH2M
	10/12/2015	1.0	0.87	NA	Arcadis
	01/13/2016	ND (1.0)	0.83	NA	Arcadis
	04/20/2016	ND (1.0)	0.87	NA	Arcadis
	07/18/2016	1.1	0.86	NA	Arcadis
	07/18/2016*	1.2	0.8	NA	Arcadis
	10/19/2016	1.0	0.69	NA	Arcadis
	01/06/2017	ND (1.0)	0.72	NA	Arcadis
	04/18/2017	ND (1.0)	0.75	NA	Arcadis
	07/24/2017	1.0	0.62	NA	Arcadis
	10/18/2017	ND (1.0)	0.77	NA	Arcadis
	01/15/2018	ND (1.0)	0.78	NA	Arcadis
	01/15/2018*	ND (1.0)	0.77	NA	Arcadis
	11/06/2020	1.0	0.81	NA	Arcadis
No. of Samples:		38			
MW-78D	02/18/2010	1.39	1.5	NA	CH2M
	05/11/2010	2.8	1.3	NA	CH2M
	08/23/2010	1.9	2.0	NA	CH2M
	10/27/2010	1.9	1.8	NA	CH2M
	01/26/2011	1.4	1.7	NA	CH2M
	04/29/2011	1.9	1.7	NA	CH2M
	08/09/2011	1.5	1.7	NA	CH2M
	10/28/2011	2.0	1.7	NA	CH2M
	02/03/2012	2.2	1.7	NA	CH2M
	04/16/2012	1.8	1.6	NA	CH2M
	04/16/2012*	1.8	1.6	NA	CH2M
	07/31/2012	1.8	1.6	NA	CH2M
	10/08/2012	2.5	1.7	NA	CH2M
	01/23/2013	1.8	1.6	NA	CH2M
	04/18/2013	1.4	1.8	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-78D	04/18/2013*	1.4	1.7	NA	CH2M
	08/02/2013	1.5	1.8	NA	CH2M
	10/08/2013	1.6	1.7	NA	CH2M
	01/09/2014	1.6	1.7	NA	CH2M
	04/04/2014	2.1	1.7	NA	CH2M
	07/11/2014	2.0	1.6	NA	CH2M
	10/22/2014	1.7	1.7	NA	CH2M
	01/06/2015	1.7	1.7	NA	CH2M
	04/14/2015	1.5	1.7	NA	CH2M
	07/20/2015	1.5	1.6	NA	CH2M
	10/12/2015	1.8	1.7	NA	Arcadis
	01/13/2016	NA	1.6	NA	Arcadis
	04/20/2016	2.1	1.5	NA	Arcadis
	07/20/2016	2.0	1.6	NA	Arcadis
	01/06/2017	2.0	1.5	NA	Arcadis
	07/24/2017	2.9	3.0	NA	Arcadis
	01/10/2018	1.7	1.6	NA	Arcadis
	07/10/2018	1.9	1.5	NA	Arcadis
	01/14/2019	1.8	1.5	NA	Arcadis
	07/11/2019	1.8	1.6	NA	Arcadis
	01/15/2020	1.6	1.6	NA	Arcadis
	07/15/2020	2.1	1.6	NA	Arcadis
	01/13/2021	1.7	1.5	NA	Arcadis
No. of Samples:		38			
MW-78S	02/18/2010	ND (1.0)	0.64	NA	CH2M
	05/11/2010	2.0	0.47	NA	CH2M
	08/23/2010	ND (1.0)	0.78	NA	CH2M
	08/23/2010*	ND (1.0)	0.81	NA	CH2M
	10/27/2010	ND (1.0)	0.77	NA	CH2M
	01/26/2011	ND (1.0)	0.72	NA	CH2M
	04/29/2011	1.0	0.67	NA	CH2M
	08/09/2011	ND (1.0)	0.59	NA	CH2M
	10/28/2011	ND (1.0)	0.74	NA	CH2M
	02/03/2012	1.1	0.91	NA	CH2M
	04/16/2012	1.1	0.88	NA	CH2M
	07/31/2012	1.1	0.75	NA	CH2M
	10/08/2012	1.0	0.91	NA	CH2M
	01/23/2013	1.7	0.81	NA	CH2M
	05/03/2013	1.0	0.95	NA	CH2M
	08/02/2013	1.0	1.0	NA	CH2M
	10/08/2013	1.1	1.2	NA	CH2M
	01/09/2014	1.1	1.1	NA	CH2M
	04/04/2014	1.3	1.1	NA	CH2M
	07/10/2014	1.1	1.1	NA	CH2M
	10/22/2014	1.3	ND (1.3)	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-78S	10/22/2014*	1.3	ND (1.2)	NA	CH2M
	01/06/2015	1.3	1.3	NA	CH2M
	04/14/2015	1.1	1.1	NA	CH2M
	07/20/2015	ND (1.0)	ND (1.1)	NA	CH2M
	10/12/2015	1.1	0.99	NA	Arcadis
	10/12/2015*	1.1	0.98	NA	Arcadis
	01/13/2016	NA	1.1	NA	Arcadis
	01/13/2016*	NA	1.1	NA	Arcadis
	04/20/2016	1.5	1.5	NA	Arcadis
	07/20/2016	1.7	1.4	NA	Arcadis
	07/20/2016*	1.7	1.5	NA	Arcadis
	10/19/2016	2.0	1.7	NA	Arcadis
	01/06/2017	2.2	1.9	NA	Arcadis
	04/20/2017	2.3	2.4	NA	Arcadis
	07/24/2017	3.5	3.2	NA	Arcadis
	09/06/2017	1.9	2.0	NA	Arcadis
	11/08/2017	3.5	3.2	NA	Arcadis
	12/01/2017	3.6	3.6	NA	Arcadis
	01/10/2018	3.9	3.8	NA	Arcadis
	05/01/2018	6.7	6.3	NA	Arcadis
	06/07/2018	NA	6.9	NA	Arcadis
	07/11/2018	4.0	3.9	NA	Arcadis
	10/17/2018	2.7	2.2	NA	Arcadis
	01/14/2019	2.8	2.2	NA	Arcadis
	04/09/2019	1.9	1.5	NA	Arcadis
	07/11/2019	ND (1.0)	0.83	NA	Arcadis
	11/07/2019	1.1	0.78	NA	Arcadis
	01/15/2020	1.1	1.1	NA	Arcadis
	04/16/2020	1.3	1.2	NA	Arcadis
	07/15/2020	3.6	3.0	NA	Arcadis
	09/01/2020	9.7	9.0	NA	Arcadis
	10/21/2020	11	9.9	NA	Arcadis
	01/13/2021	9.0	8.5	NA	Arcadis
	04/21/2021	8.0	8.3	NA	Arcadis
No. of Samples:		55			
MW-79D	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2011	1.0	ND (0.065)	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	0.17	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-79D	07/17/2012*	ND (1.0)	0.19	NA	CH2M
	10/10/2012	ND (1.0)	0.072	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.065)	NA	CH2M
	07/18/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	01/19/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	08/03/2015	ND (1.0)	0.12	NA	CH2M
	10/08/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2015*	ND (1.0)	ND (0.06)	NA	Arcadis
	01/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/14/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		35			
MW-79S	06/21/2010	5.1	4.7	NA	CH2M
	08/02/2010	5.3	5.2	NA	CH2M
	10/28/2010	5.5	5.5	NA	CH2M
	01/27/2011	6.0	5.5	NA	CH2M
	04/27/2011	6.0	5.2	NA	CH2M
	07/28/2011	5.2	5.4	NA	CH2M
	07/28/2011*	5.6	5.2	NA	CH2M
	11/02/2011	5.2	5.2	NA	CH2M
	01/17/2012	5.7	4.8	NA	CH2M
	04/10/2012	5.5	5.2	NA	CH2M
	07/23/2012	5.0	4.4	NA	CH2M
	10/17/2012	5.4	5.1	NA	CH2M
	01/31/2013	5.6	5.2	NA	CH2M
	04/11/2013	5.6	4.9	NA	CH2M
	04/11/2013*	5.6	4.9	NA	CH2M
	07/31/2013	5.6	4.9	NA	CH2M
	10/14/2013	5.0	5.0	NA	CH2M
	01/22/2014	5.1	5.0	NA	CH2M
	04/14/2014	7.5	5.5	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-79S	07/18/2014	5.3	5.3	NA	CH2M
	10/09/2014	5.6	5.5	NA	CH2M
	01/19/2015	5.6	5.8	NA	CH2M
	04/07/2015	5.8	5.6	NA	CH2M
	07/09/2015	5.8	5.7	NA	CH2M
	07/09/2015*	5.7	5.7	NA	CH2M
	10/08/2015	5.9	5.8	NA	Arcadis
	01/04/2016	5.3	5.5	NA	Arcadis
	04/07/2016	6.0	5.6	NA	Arcadis
	07/13/2016	6.2	5.8	NA	Arcadis
	10/04/2016	6.5	5.7	NA	Arcadis
	01/31/2017	5.8	6.0	NA	Arcadis
	04/18/2017	5.8	6.2	NA	Arcadis
	07/14/2017	6.6	6.2	NA	Arcadis
	10/10/2017	5.9	6.5	NA	Arcadis
	01/10/2018	6.3	6.0	NA	Arcadis
	04/09/2018	6.3	6.4	NA	Arcadis
	07/20/2018	6.3	6.2	NA	Arcadis
	10/11/2018	6.6	6.3	NA	Arcadis
	01/08/2019	7.1	6.1	NA	Arcadis
	04/10/2019	6.8	6.6	NA	Arcadis
	07/09/2019	7.4	7.0	NA	Arcadis
	10/11/2019	8.3	6.0	NA	Arcadis
	12/03/2019	7.6	7.7	NA	Arcadis
	04/07/2020	7.4	7.1	NA	Arcadis
	10/13/2020	9.1	7.5	NA	Arcadis
	01/21/2021	6.2	4.5	NA	Arcadis
	03/01/2021	8.8	7.6	NA	Arcadis
	04/15/2021	8.2	8.4	NA	Arcadis
No. of Samples: 48					
MW-80D	05/12/2010	ND (1.0)	0.78	NA	CH2M
	08/02/2010	1.2	1.0	NA	CH2M
	10/28/2010	1.5	1.0	NA	CH2M
	10/28/2010*	1.0	1.0	NA	CH2M
	01/27/2011	1.4	1.2	NA	CH2M
	01/27/2011*	1.2	1.2	NA	CH2M
	04/27/2011	1.8	1.4	NA	CH2M
	07/28/2011	1.2	1.4	NA	CH2M
	11/02/2011	1.5	1.4	NA	CH2M
	01/17/2012	ND (1.0)	1.4	NA	CH2M
	04/10/2012	1.9	1.4	NA	CH2M
	07/20/2012	1.1	0.93	NA	CH2M
	10/18/2012	1.5	1.2	NA	CH2M
	01/24/2013	1.5	1.3	NA	CH2M
	04/16/2013	1.7	1.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-80D	07/31/2013	1.5	1.2	NA	CH2M
	10/14/2013	1.3	1.2	NA	CH2M
	01/22/2014	1.2	1.3	NA	CH2M
	04/14/2014	1.6	ND (1.4)	NA	CH2M
	07/24/2014	1.6	1.3	NA	CH2M
	10/09/2014	1.2	1.2	NA	CH2M
	01/19/2015	1.5	1.4	NA	CH2M
	04/07/2015	1.3	1.0	NA	CH2M
	04/07/2015*	1.3	1.0	NA	CH2M
	07/08/2015	1.1	1.2	NA	CH2M
	10/08/2015	1.5	1.2	NA	Arcadis
No. of Samples: 26					
MW-80S	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/27/2011	ND (1.0)	0.23	NA	CH2M
	04/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2011	ND (1.0)	0.36	NA	CH2M
	01/17/2012	ND (1.0)	0.32	NA	CH2M
	04/06/2012	ND (1.0)	0.92	NA	CH2M
	07/20/2012	ND (1.0)	0.32	NA	CH2M
	10/10/2012	ND (1.0)	0.81	NA	CH2M
	01/30/2013	1.3	0.58	NA	CH2M
	04/16/2013	1.9	1.7	NA	CH2M
	07/31/2013	1.9	1.4	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2014	ND (1.0)	0.75	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.14)	NA	CH2M
	07/24/2014	1.7	1.2	NA	CH2M
	10/09/2014	1.6	1.2	NA	CH2M
	01/22/2015	2.7	2.5	NA	CH2M
	04/07/2015	2.0	1.8	NA	CH2M
	07/09/2015	1.4	1.1	NA	CH2M
	10/08/2015	1.8	1.5	NA	Arcadis
	01/04/2016	4.3	4.5	NA	Arcadis
	04/07/2016	1.9	1.4	NA	Arcadis
	07/13/2016	3.9	3.7	NA	Arcadis
	10/07/2016	1.3	1.2	NA	Arcadis
	02/03/2017	7.4	7.6	NA	Arcadis
	03/08/2017	2.8	2.8	NA	Arcadis
	04/18/2017	5.9	5.2	NA	Arcadis
	06/05/2017	5.2	6.0	NA	Arcadis
	07/14/2017	4.0	3.7	NA	Arcadis
	10/10/2017	9.2	9.8	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-80S	01/22/2018	5.5	ND (0.2)	NA	Arcadis
	02/05/2018	5.8	6.3	NA	Arcadis
	04/18/2018	ND (1.0)	0.34	NA	Arcadis
	07/27/2018	2.5	2.4	NA	Arcadis
	10/11/2018	1.9	1.1	NA	Arcadis
	02/12/2019	5.7	5.3	NA	Arcadis
	03/05/2019	5.6	1.8	NA	Arcadis
	04/05/2019	ND (1.0)	1.6	NA	Arcadis
	07/09/2019	ND (1.0)	0.82	NA	Arcadis
	10/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	02/03/2020	1.3	1.4 J	NA	Arcadis
	02/03/2020*	1.0	1.1 J	NA	Arcadis
	04/09/2020	1.3	1.4	NA	Arcadis
	07/09/2020	3.7	3.1	NA	Arcadis
	09/02/2020	3.8	3.3	NA	Arcadis
	10/13/2020	4.2	3.5	NA	Arcadis
	01/21/2021	2.1	1.1	NA	Arcadis
	04/15/2021	2.4	2.3	NA	Arcadis
No. of Samples:		51			
MW-81S	05/13/2010	4.6	2.0	NA	CH2M
	08/05/2010	4.1	4.7	NA	CH2M
	10/05/2010	2.0	1.6	NA	CH2M
	10/26/2010	ND (1.0)	0.84	NA	CH2M
	01/25/2011	4.4	3.2	NA	CH2M
	03/16/2011	4.3	3.8	NA	CH2M
	05/05/2011	2.8	2.4	NA	CH2M
	08/09/2011	1.5	1.6	NA	CH2M
	10/28/2011	2.3	1.8	NA	CH2M
	02/03/2012	2.9	2.6	NA	CH2M
	04/26/2012	2.3	1.6	NA	CH2M
	07/31/2012	2.3	2.2	NA	CH2M
	10/10/2012	2.1	1.8	NA	CH2M
	01/23/2013	2.0	1.9	NA	CH2M
	04/10/2013	3.2	2.6	NA	CH2M
	07/18/2013	1.4	1.1	NA	CH2M
	10/15/2013	1.8	1.5	NA	CH2M
	01/16/2014	1.1	0.84	NA	CH2M
	04/15/2014	2.2	1.4	NA	CH2M
	04/15/2014*	1.9	1.4	NA	CH2M
	07/21/2014	2.2	1.3	NA	CH2M
	10/14/2014	1.7	1.6	NA	CH2M
	01/22/2015	2.3	1.9	NA	CH2M
	04/08/2015	2.0	1.6	NA	CH2M
	07/22/2015	1.5	1.3	NA	CH2M
	10/09/2015	2.1	2.0	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 26					
MW-82S	05/13/2010	1.4	0.95	NA	CH2M
	08/05/2010	1.8	1.8	NA	CH2M
	10/26/2010	2.1	1.4	NA	CH2M
	01/25/2011	ND (1.0)	0.9	NA	CH2M
	04/28/2011	1.5	1.3	NA	CH2M
	08/09/2011	1.0	1.3	NA	CH2M
	10/26/2011	1.5	1.5	NA	CH2M
	02/03/2012	1.6	1.2	NA	CH2M
	04/26/2012	1.5	1.2	NA	CH2M
	07/31/2012	1.6	1.4	NA	CH2M
	10/05/2012	1.6	1.4	NA	CH2M
	10/05/2012*	1.5	1.4	NA	CH2M
	01/23/2013	1.4	1.3	NA	CH2M
	04/10/2013	1.6	1.3	NA	CH2M
	04/10/2013*	1.8	1.3	NA	CH2M
	07/18/2013	1.4	1.2	NA	CH2M
	10/16/2013	1.5	1.2	NA	CH2M
	01/21/2014	1.3	1.2	NA	CH2M
	04/03/2014	1.5	1.2	NA	CH2M
	07/09/2014	1.4	1.1	NA	CH2M
	10/14/2014	1.3	1.0	NA	CH2M
	01/16/2015	1.3	1.1	NA	CH2M
	04/09/2015	1.5	1.1	NA	CH2M
	07/23/2015	ND (1.0)	1.1	NA	CH2M
	10/09/2015	1.0	1.0	NA	Arcadis
No. of Samples: 25					
MW-83D	08/04/2010	2.5	1.9	NA	CH2M
	10/28/2010	2.3	2.0	NA	CH2M
	01/27/2011	2.6	2.5	NA	CH2M
	05/04/2011	2.8	2.0	NA	CH2M
	07/28/2011	2.2	1.4	NA	CH2M
	11/02/2011	2.0	2.6	NA	CH2M
	01/17/2012	1.4	ND (1.0)	NA	CH2M
	04/10/2012	2.6	0.71	NA	CH2M
	06/04/2012	1.0	0.83	NA	CH2M
	07/24/2012	2.4	0.64	NA	CH2M
	07/24/2012*	2.3	0.66	NA	CH2M
	10/18/2012	ND (1.0)	0.73	NA	CH2M
	01/24/2013	1.4	0.67	NA	CH2M
	04/11/2013	1.2	0.76	NA	CH2M
	07/31/2013	1.1	0.84	NA	CH2M
	10/17/2013	1.2	0.65	NA	CH2M
	01/22/2014	1.9	0.72	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-83D	04/15/2014	1.4	0.88	NA	CH2M
	07/21/2014	1.4	0.74	NA	CH2M
	10/14/2014	ND (1.0)	0.83	NA	CH2M
	01/19/2015	ND (1.0)	0.79	NA	CH2M
	04/07/2015	ND (1.0)	0.73	NA	CH2M
	07/21/2015	ND (1.0)	0.7	NA	CH2M
	10/14/2015	ND (1.0)	0.66	NA	Arcadis
	01/07/2016	1.2	0.59	NA	Arcadis
	04/08/2016	1.5	0.53	NA	Arcadis
	07/11/2016	ND (1.0)	0.83	NA	Arcadis
	11/01/2016	1.0	0.72	NA	Arcadis
	01/04/2017	ND (1.0)	0.66	NA	Arcadis
	04/12/2017	1.4	1.0	NA	Arcadis
	07/12/2017	1.8	1.8	NA	Arcadis
	10/10/2017	1.6	1.3	NA	Arcadis
	01/09/2018	1.8	1.0	NA	Arcadis
	04/17/2018	2.5	1.6	NA	Arcadis
	07/11/2018	2.7	1.9	NA	Arcadis
	10/09/2018	3.3	1.7	NA	Arcadis
	11/27/2018	2.3	1.6	NA	Arcadis
	01/08/2019	2.2	1.5	NA	Arcadis
	04/04/2019	2.3	1.7	NA	Arcadis
	04/04/2019*	2.2	1.7	NA	Arcadis
	07/09/2019	2.8	1.6	NA	Arcadis
	07/09/2019*	3.0	1.6	NA	Arcadis
	10/11/2019	2.4	2.1	NA	Arcadis
	01/07/2020	3.0	2.0	NA	Arcadis
	04/23/2020	2.5	2.3	NA	Arcadis
	07/09/2020	3.1	2.0	NA	Arcadis
	10/12/2020	3.4	2.7	NA	Arcadis
	01/22/2021	5.2	2.1	NA	Arcadis
	04/14/2021	2.9	2.5	NA	Arcadis
No. of Samples:		49			
MW-83S	06/22/2010	1.8	0.55	NA	CH2M
	08/04/2010	1.1	0.56	NA	CH2M
	10/28/2010	2.4	1.8	NA	CH2M
	01/27/2011	2.4	2.4	NA	CH2M
	05/04/2011	3.3	1.8	NA	CH2M
	06/02/2011	2.7	2.7	NA	CH2M
	07/28/2011	1.9	1.2	NA	CH2M
	11/02/2011	1.9	ND (1.0)	NA	CH2M
	11/02/2011*	1.7	1.1	NA	CH2M
	01/17/2012	1.9	1.4	NA	CH2M
	04/10/2012	3.3	1.2	NA	CH2M
	06/04/2012	2.8	1.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-83S	07/24/2012	2.8	1.3	NA	CH2M
	10/18/2012	1.9	1.2	NA	CH2M
	01/24/2013	2.7	1.4	NA	CH2M
	04/11/2013	2.4	1.4	NA	CH2M
	07/31/2013	2.3	1.0	NA	CH2M
	10/01/2013	2.1	1.0	NA	CH2M
	01/22/2014	2.5	1.0	NA	CH2M
	04/15/2014	2.5	1.5	NA	CH2M
	07/21/2014	2.2	1.4	NA	CH2M
	10/14/2014	2.6	2.1	NA	CH2M
	01/19/2015	2.5	2.2	NA	CH2M
	04/07/2015	1.8	1.5	NA	CH2M
	07/21/2015	2.0	1.7	NA	CH2M
	10/14/2015	3.1	1.7	NA	Arcadis
	12/10/2015	4.7	1.8	NA	Arcadis
	01/07/2016	2.3	1.5	NA	Arcadis
	04/08/2016	2.4	1.5	NA	Arcadis
	07/11/2016	2.1	2.0	NA	Arcadis
	11/01/2016	2.1	1.9	NA	Arcadis
	01/04/2017	2.0	1.9	NA	Arcadis
	04/12/2017	2.5	1.6	NA	Arcadis
	07/12/2017	2.3	1.8	NA	Arcadis
	10/10/2017	2.6	2.0	NA	Arcadis
	01/09/2018	3.2	2.4	NA	Arcadis
	04/17/2018	2.6	1.9	NA	Arcadis
	04/17/2018*	2.5	1.9	NA	Arcadis
	07/11/2018	3.4	2.0	NA	Arcadis
	08/07/2018	2.7	2.1	NA	Arcadis
	10/09/2018	3.6	3.0	NA	Arcadis
	11/27/2018	3.7	3.0	NA	Arcadis
	01/08/2019	4.5	3.0	NA	Arcadis
	03/06/2019	4.2	3.7	NA	Arcadis
	04/04/2019	4.1	3.4	NA	Arcadis
	06/05/2019	4.4	4.3	NA	Arcadis
	07/09/2019	5.0	4.8	NA	Arcadis
	10/11/2019	5.9	5.4	NA	Arcadis
	01/07/2020	5.3	4.4	NA	Arcadis
	03/05/2020	5.7	4.3	NA	Arcadis
	04/23/2020	4.7	3.5	NA	Arcadis
	07/09/2020	6.4	5.0	NA	Arcadis
	10/12/2020	10	6.0	NA	Arcadis
	01/22/2021	7.9	6.6	NA	Arcadis
	04/14/2021	7.2	7.0	NA	Arcadis
	06/03/2021	5.7	4.9	NA	Arcadis

No. of Samples: 56

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-84D	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2011	ND (1.0)	ND (0.14)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	0.14	NA	CH2M
	07/18/2012*	ND (1.0)	0.14	NA	CH2M
	10/01/2012	ND (1.0)	0.089	NA	CH2M
	01/29/2013	ND (1.0)	0.084	NA	CH2M
	01/29/2013*	ND (1.0)	0.088	NA	CH2M
	04/02/2013	ND (1.0)	0.1	NA	CH2M
	07/03/2013	ND (1.0)	0.12	NA	CH2M
	10/07/2013	ND (1.0)	0.36	NA	CH2M
	01/22/2014	ND (1.0)	0.16	NA	CH2M
	04/16/2014	ND (1.0)	0.36	NA	CH2M
	07/22/2014	ND (1.0)	0.23	NA	CH2M
	10/09/2014	ND (1.0)	0.4	NA	CH2M
	01/22/2015	ND (1.0)	0.21	NA	CH2M
	04/07/2015	ND (1.0)	0.096	NA	CH2M
	07/21/2015	ND (1.0)	0.14	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.082)	NA	Arcadis
	01/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/07/2016	ND (1.0)	0.16	NA	Arcadis
	07/12/2016	ND (1.0)	0.23	NA	Arcadis
	10/14/2016	ND (1.0)	0.19	NA	Arcadis
	01/04/2017	ND (1.0)	0.09	NA	Arcadis
	04/19/2017	ND (1.0)	0.083	NA	Arcadis
	07/12/2017	ND (1.0)	0.3	NA	Arcadis
	10/16/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2018	ND (1.0)	0.1	NA	Arcadis
	04/10/2018	ND (1.0)	0.12	NA	Arcadis
	07/11/2018	ND (1.0)	0.18	NA	Arcadis
	10/08/2018	ND (1.0)	0.17	NA	Arcadis
	01/07/2019	ND (1.0)	0.12	NA	Arcadis
	04/10/2019	ND (1.0)	0.19	NA	Arcadis
	07/08/2019	ND (1.0)	0.11	NA	Arcadis
	10/16/2019	ND (1.0)	0.16	NA	Arcadis
	01/07/2020	ND (1.0)	0.19	NA	Arcadis
	04/13/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2020	ND (1.0)	0.12	NA	Arcadis
	10/12/2020	ND (1.0)	0.15	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-84D	01/14/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2021	ND (1.0)	0.19	NA	Arcadis
No. of Samples: 47					
MW-84S	05/12/2010	1.88	1.5	NA	CH2M
	08/02/2010	1.9	1.8	NA	CH2M
	10/28/2010	3.4	1.9	NA	CH2M
	01/27/2011	1.9	2.1	NA	CH2M
	04/29/2011	2.6	2.0	NA	CH2M
	08/09/2011	2.7	2.1	NA	CH2M
	10/28/2011	2.6	2.3	NA	CH2M
	02/03/2012	3.0	2.3	NA	CH2M
	04/24/2012	3.8 J	2.2	NA	CH2M
	04/24/2012*	3.3 J	2.2	NA	CH2M
	06/04/2012	2.6	2.1	NA	CH2M
	07/31/2012	1.8	1.8	NA	CH2M
	10/08/2012	2.0	1.6	NA	CH2M
	01/30/2013	2.2	1.8	NA	CH2M
	01/30/2013*	2.2	1.8	NA	CH2M
	04/10/2013	2.1	1.8	NA	CH2M
	07/16/2013	2.0	1.5	NA	CH2M
	10/14/2013	1.8	1.6	NA	CH2M
	10/14/2013*	1.8	1.6	NA	CH2M
	01/22/2014	1.8	1.7	NA	CH2M
	04/16/2014	2.0	1.9	NA	CH2M
	07/22/2014	2.2	1.8	NA	CH2M
	10/09/2014	1.6	1.7	NA	CH2M
	01/22/2015	1.8	2.0	NA	CH2M
	04/07/2015	1.9	1.9	NA	CH2M
	07/21/2015	1.7	1.7	NA	CH2M
	10/14/2015	1.7	2.1	NA	Arcadis
	01/11/2016	1.9	1.8	NA	Arcadis
	04/07/2016	1.8	1.7	NA	Arcadis
	07/12/2016	2.3	1.8	NA	Arcadis
	10/14/2016	1.9	1.7	NA	Arcadis
	01/04/2017	2.0	1.7	NA	Arcadis
	04/19/2017	1.5	1.7	NA	Arcadis
	07/12/2017	1.6	1.7	NA	Arcadis
	10/16/2017	2.7	1.6	NA	Arcadis
	01/11/2018	1.7	1.6	NA	Arcadis
	04/10/2018	2.1	1.5	NA	Arcadis
	07/11/2018	2.0	1.5	NA	Arcadis
	10/08/2018	1.9	1.6	NA	Arcadis
	01/07/2019	1.9	1.7	NA	Arcadis
	04/10/2019	3.3	1.8	NA	Arcadis
	06/05/2019	2.5	1.9	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-84S	07/08/2019	1.9	2.0	NA	Arcadis
	10/16/2019	2.5	1.9	NA	Arcadis
	01/07/2020	2.0	1.9	NA	Arcadis
	04/13/2020	3.1	1.9	NA	Arcadis
	07/09/2020	2.3	1.7	NA	Arcadis
	10/12/2020	2.2	1.8	NA	Arcadis
	01/14/2021	2.0	1.7	NA	Arcadis
	04/09/2021	2.4	1.8	NA	Arcadis
No. of Samples: 50					
MW-85D	06/21/2010	ND (1.0)	ND (0.49)	NA	CH2M
	08/03/2010	ND (1.0)	0.44	NA	CH2M
	10/26/2010	ND (1.0)	0.29	NA	CH2M
	01/25/2011	ND (1.0)	0.76	NA	CH2M
	05/04/2011	ND (1.0)	0.22	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/03/2011	ND (1.0)	ND (0.084)	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/17/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2013	ND (1.0)	0.22	NA	CH2M
	07/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/17/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	01/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/24/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	0.072	NA	CH2M
	07/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/07/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/12/2016	ND (1.0)	0.071	NA	Arcadis
	10/14/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/06/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/07/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/13/2017	ND (1.0)	ND (0.11)	NA	Arcadis
	10/16/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/11/2018	ND (1.0)	ND (0.06)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-85D	10/08/2018	ND (1.0)	0.3	NA	Arcadis
	01/07/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/03/2019*	ND (1.0)	ND (0.06)	NA	Arcadis
	07/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	01/07/2020	1.2	ND (0.06)	NA	Arcadis
	04/13/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	10/12/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	01/22/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2021	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples: 48					
MW-85S	06/21/2010	ND (1.0)	ND (0.58)	NA	CH2M
	06/21/2010*	ND (1.0)	ND (0.56)	NA	CH2M
	08/03/2010	ND (1.0)	0.92	NA	CH2M
	10/26/2010	1.4	0.54	NA	CH2M
	01/25/2011	1.3	1.1	NA	CH2M
	05/04/2011	1.4	1.3	NA	CH2M
	07/28/2011	1.2	1.6	NA	CH2M
	11/03/2011	1.7	1.6	NA	CH2M
	01/17/2012	1.9	1.3	NA	CH2M
	04/10/2012	2.4	1.5	NA	CH2M
	07/23/2012	1.8	1.5	NA	CH2M
	10/18/2012	1.6	1.5	NA	CH2M
	01/24/2013	2.0	1.6	NA	CH2M
	04/11/2013	2.1	1.6	NA	CH2M
	07/31/2013	2.1	1.6	NA	CH2M
	10/17/2013	2.0	1.3	NA	CH2M
	01/24/2014	1.7	1.7	NA	CH2M
	04/11/2014	1.8	1.8	NA	CH2M
	07/24/2014	2.0	1.7	NA	CH2M
	10/09/2014	1.8	1.8	NA	CH2M
	01/20/2015	1.7	1.8	NA	CH2M
	04/08/2015	2.0	1.8	NA	CH2M
	07/21/2015	1.7	1.7	NA	CH2M
	10/14/2015	1.8	1.8	NA	Arcadis
	01/11/2016	1.7	1.7	NA	Arcadis
	04/07/2016	2.4	1.6	NA	Arcadis
	07/12/2016	1.7	1.7	NA	Arcadis
	10/14/2016	1.9	1.6	NA	Arcadis
	01/06/2017	1.9	1.5	NA	Arcadis
	04/07/2017	1.6	1.6	NA	Arcadis
	07/13/2017	1.9	1.5	NA	Arcadis
	10/16/2017	1.7	1.4	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-85S	10/16/2017*	1.7	1.4	NA	Arcadis
	01/10/2018	1.6	1.2	NA	Arcadis
	04/10/2018	1.4	1.2	NA	Arcadis
	07/11/2018	1.6	1.1	NA	Arcadis
	10/08/2018	1.6	1.2	NA	Arcadis
	01/07/2019	2.0	1.2	NA	Arcadis
	04/03/2019	1.8	1.3	NA	Arcadis
	07/18/2019	1.3	1.4	NA	Arcadis
	10/16/2019	1.4	1.4	NA	Arcadis
	01/07/2020	1.8	1.5	NA	Arcadis
	04/13/2020	1.9	1.1	NA	Arcadis
	07/09/2020	1.8	1.3	NA	Arcadis
	10/12/2020	2.6	1.4	NA	Arcadis
	01/22/2021	2.0	1.2	NA	Arcadis
	04/09/2021	2.0	1.4	NA	Arcadis
No. of Samples: 47					
MW-86D	06/21/2010	ND (1.0)	ND (0.83)	NA	CH2M
	08/02/2010	1.1	0.3	NA	CH2M
	10/26/2010	1.4	1.2	NA	CH2M
	01/25/2011	ND (1.0)	0.77	NA	CH2M
	05/04/2011	4.4	1.0	NA	CH2M
	05/04/2011*	3.9	1.1	NA	CH2M
	06/01/2011	1.4	1.2	NA	CH2M
	07/28/2011	ND (1.0)	0.77	NA	CH2M
	11/03/2011	1.9	1.6	NA	CH2M
	01/17/2012	1.4	0.89	NA	CH2M
	04/10/2012	1.8	1.5	NA	CH2M
	07/20/2012	2.1	1.6	NA	CH2M
	10/18/2012	1.5	1.5	NA	CH2M
	01/24/2013	1.6	1.2	NA	CH2M
	04/16/2013	1.2	0.99	NA	CH2M
	07/31/2013	1.4	1.2	NA	CH2M
	10/17/2013	1.8	1.3	NA	CH2M
	01/22/2014	1.5	1.4	NA	CH2M
	04/16/2014	1.7	1.6	NA	CH2M
	07/24/2014	1.9	1.4	NA	CH2M
	10/09/2014	1.4	1.5	NA	CH2M
	01/22/2015	1.4	1.5	NA	CH2M
	04/07/2015	1.6	1.3	NA	CH2M
	07/07/2015	1.1	1.1	NA	CH2M
	10/22/2015	1.4	1.4	NA	Arcadis
	01/06/2016	1.9	1.5	NA	Arcadis
	01/06/2016*	2.0	1.5	NA	Arcadis
	07/13/2016	1.9	1.7	NA	Arcadis
	01/04/2017	1.8	1.6	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-86D	07/17/2017	1.9	1.8	NA	Arcadis
	10/10/2017	2.2	1.9	NA	Arcadis
	04/09/2018	1.7	1.5	NA	Arcadis
	10/11/2018	1.6	1.5	NA	Arcadis
	04/05/2019	1.7	1.8	NA	Arcadis
	08/06/2019	1.8	1.8	NA	Arcadis
	10/22/2019	1.9	1.9	NA	Arcadis
	04/08/2020	3.1	1.9	NA	Arcadis
	10/13/2020	2.6	2.2	NA	Arcadis
	04/15/2021	2.2	2.2	NA	Arcadis
No. of Samples: 39					
MW-86S	06/22/2010	6.0	5.5	NA	CH2M
	08/02/2010	7.5	7.4	NA	CH2M
	10/26/2010	5.7	5.3	NA	CH2M
	01/25/2011	5.0	5.7	NA	CH2M
	05/04/2011	7.4	5.2	NA	CH2M
	06/01/2011	5.6	5.6	NA	CH2M
	07/28/2011	5.5	4.9	NA	CH2M
	11/03/2011	5.8	5.4	NA	CH2M
	01/17/2012	5.0	4.8	NA	CH2M
	04/10/2012	5.9	5.1	NA	CH2M
	04/10/2012*	5.3	5.1	NA	CH2M
	07/20/2012	5.3	4.8	NA	CH2M
	10/18/2012	4.8	4.5	NA	CH2M
	10/18/2012*	4.7	4.6	NA	CH2M
	01/24/2013	5.2	4.2	NA	CH2M
	01/24/2013*	5.2	4.2	NA	CH2M
	04/16/2013	5.5	5.0	NA	CH2M
	07/31/2013	5.4	4.6	NA	CH2M
	10/17/2013	4.8	4.3	NA	CH2M
	01/22/2014	5.5	4.5	NA	CH2M
	04/16/2014	5.2	5.2	NA	CH2M
	07/24/2014	5.5	4.7	NA	CH2M
	10/09/2014	4.6	4.4	NA	CH2M
	10/09/2014*	4.4	4.5	NA	CH2M
	01/22/2015	5.0	4.8	NA	CH2M
	04/07/2015	5.4	4.8	NA	CH2M
	07/07/2015	5.0	4.9	NA	CH2M
	10/22/2015	4.7	4.9	NA	Arcadis
	01/06/2016	1.7	1.7	NA	Arcadis
	07/13/2016	5.3	4.7	NA	Arcadis
	01/04/2017	4.8	4.6	NA	Arcadis
	07/17/2017	4.9	4.9	NA	Arcadis
	10/10/2017	4.7	5.0	NA	Arcadis
	04/09/2018	5.2	4.7	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-86S	10/11/2018	5.4	4.5	NA	Arcadis
	04/12/2019	5.0	4.7	NA	Arcadis
	08/06/2019	4.4	4.7	NA	Arcadis
	10/22/2019	5.0	4.5	NA	Arcadis
	04/08/2020	4.6	4.2	NA	Arcadis
	10/13/2020	5.0	4.6	NA	Arcadis
	04/15/2021	4.5	4.8	NA	Arcadis
No. of Samples: 41					
MW-87D	06/22/2010	1.3	0.6	NA	CH2M
	08/02/2010	1.4	1.4	NA	CH2M
	10/26/2010	1.6	1.5	NA	CH2M
	01/25/2011	1.2	1.2	NA	CH2M
	05/04/2011	2.6	1.6	NA	CH2M
	06/02/2011	2.5	2.3	NA	CH2M
	07/28/2011	2.6	2.7	NA	CH2M
	11/03/2011	2.8	2.6	NA	CH2M
	01/17/2012	2.2	1.9	NA	CH2M
	04/10/2012	1.4	1.1	NA	CH2M
	07/24/2012	1.4	0.94	NA	CH2M
	10/18/2012	2.5	2.5	NA	CH2M
	01/24/2013	3.0	2.5	NA	CH2M
	04/09/2013	3.4	3.6	NA	CH2M
	07/31/2013	4.0	3.4	NA	CH2M
	10/17/2013	3.1	2.8	NA	CH2M
	01/22/2014	3.2	3.2	NA	CH2M
	04/16/2014	3.5	3.4	NA	CH2M
	07/23/2014	3.4	2.8	NA	CH2M
	10/09/2014	1.4	1.3	NA	CH2M
	01/15/2015	3.1	3.2	NA	CH2M
	01/15/2015*	3.1	3.2	NA	CH2M
	04/07/2015	2.7	2.4	NA	CH2M
	07/07/2015	3.6	3.6	NA	CH2M
	10/13/2015	3.1	3.2	NA	Arcadis
	01/06/2016	2.9	2.4	NA	Arcadis
	04/07/2016	3.0	3.1	NA	Arcadis
	07/13/2016	2.4	2.0	NA	Arcadis
	10/07/2016	3.0	2.9	NA	Arcadis
	04/12/2017	3.7	3.1	NA	Arcadis
	10/10/2017	3.3	3.2	NA	Arcadis
	04/17/2018	3.4	2.9	NA	Arcadis
	10/11/2018	3.2	2.8	NA	Arcadis
	10/11/2018*	3.3	2.7	NA	Arcadis
	04/05/2019	2.8	2.8	NA	Arcadis
	10/22/2019	2.0	1.7	NA	Arcadis
	04/09/2020	2.1	1.7	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-87D	10/13/2020	3.2	2.3	NA	Arcadis
	12/03/2020	1.8	0.62	NA	Arcadis
	04/15/2021	2.8	2.9	NA	Arcadis
No. of Samples: 40					
MW-87S	06/22/2010	4.0	3.8	NA	CH2M
	08/02/2010	2.0	2.2	NA	CH2M
	10/26/2010	2.3	2.1	NA	CH2M
	01/25/2011	3.2	3.4	NA	CH2M
	05/04/2011	3.8	2.9	NA	CH2M
	06/02/2011	3.5	3.3	NA	CH2M
	07/28/2011	2.6	2.4	NA	CH2M
	11/03/2011	4.1	3.5	NA	CH2M
	01/17/2012	3.4	2.7	NA	CH2M
	04/10/2012	3.0	2.7	NA	CH2M
	07/24/2012	2.6	2.3	NA	CH2M
	10/18/2012	3.1	3.2	NA	CH2M
	01/24/2013	4.2	3.5	NA	CH2M
	04/16/2013	3.1	2.7	NA	CH2M
	07/31/2013	3.0	2.6	NA	CH2M
	10/17/2013	3.3	3.1	NA	CH2M
	01/22/2014	2.9	2.7	NA	CH2M
	04/16/2014	3.5	3.3	NA	CH2M
	07/23/2014	3.3	2.8	NA	CH2M
	10/09/2014	3.4	2.8	NA	CH2M
	01/15/2015	3.8	3.1	NA	CH2M
	04/07/2015	3.4	3.0	NA	CH2M
	07/07/2015	3.7	3.3	NA	CH2M
	10/13/2015	3.6	3.6	NA	Arcadis
	01/06/2016	4.2	3.3	NA	Arcadis
	04/07/2016	2.7	2.5	NA	Arcadis
	07/13/2016	3.5	2.9	NA	Arcadis
	10/07/2016	3.7	3.3	NA	Arcadis
	01/31/2017	3.3	3.2	NA	Arcadis
	04/12/2017	4.3	3.6	NA	Arcadis
	04/12/2017*	4.0	3.6	NA	Arcadis
	10/10/2017	3.3	3.7	NA	Arcadis
	10/10/2017*	3.5	3.5	NA	Arcadis
	02/05/2018	3.2	3.4	NA	Arcadis
	04/17/2018	3.9	3.1	NA	Arcadis
	07/27/2018	2.8	2.4	NA	Arcadis
	10/11/2018	3.6	3.1	NA	Arcadis
	04/12/2019	3.0	2.3	NA	Arcadis
	04/12/2019*	2.8	2.4	NA	Arcadis
	10/22/2019	3.2	2.2	NA	Arcadis
	04/09/2020	2.4	2.3	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-87S	10/13/2020	2.7	2.4	NA	Arcadis
	04/15/2021	3.0	3.1	NA	Arcadis
No. of Samples: 43					
MW-88D	06/21/2010	ND (1.0)	ND (0.23)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/03/2011	ND (1.0)	ND (0.13)	NA	CH2M
	01/17/2012	ND (1.0)	0.078	NA	CH2M
	04/05/2012	ND (1.0)	0.065	NA	CH2M
	07/17/2012	ND (1.0)	0.16	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	0.069	NA	CH2M
	04/09/2013*	ND (1.0)	0.062	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.11)	NA	CH2M
	07/21/2014	ND (1.0)	0.2	NA	CH2M
	10/16/2014	ND (1.0)	0.11	NA	CH2M
	01/22/2015	ND (1.0)	0.58	NA	CH2M
	04/08/2015	ND (1.0)	0.71	NA	CH2M
	07/08/2015	1.0	0.88	NA	CH2M
	10/22/2015	ND (1.0)	0.85	NA	Arcadis
	01/08/2016	1.2	1.0	NA	Arcadis
	07/13/2016	1.7	1.0	NA	Arcadis
	01/06/2017	1.3	1.1	NA	Arcadis
	07/17/2017	1.3	1.2	NA	Arcadis
	10/18/2017	ND (1.0)	0.93	NA	Arcadis
	04/09/2018	ND (1.0)	0.35	NA	Arcadis
	10/11/2018	1.6	1.5	NA	Arcadis
	04/05/2019	1.3	1.1	NA	Arcadis
	10/22/2019	3.2	1.7	NA	Arcadis
	12/03/2019	ND (1.0)	0.65	NA	Arcadis
	04/24/2020	1.6	1.1	NA	Arcadis
	10/13/2020	2.3	1.6	NA	Arcadis
	04/15/2021	1.3	1.0	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 41					
MW-88S	06/21/2010	4.0	3.7	NA	CH2M
	08/02/2010	4.8	5.3	NA	CH2M
	10/26/2010	5.2	5.5	NA	CH2M
	01/25/2011	5.7	5.6	NA	CH2M
	05/05/2011	5.9	5.4	NA	CH2M
	07/28/2011	6.2	5.7	NA	CH2M
	11/03/2011	6.2	5.8	NA	CH2M
	01/18/2012	6.1	5.4	NA	CH2M
	04/10/2012	5.9	5.3	NA	CH2M
	07/24/2012	5.2	4.4	NA	CH2M
	07/24/2012*	5.3	4.4	NA	CH2M
	10/12/2012	5.0	4.9	NA	CH2M
	01/22/2013	5.1	5.1	NA	CH2M
	04/11/2013	5.7	5.2	NA	CH2M
	09/12/2013	5.8	5.3	NA	CH2M
	10/17/2013	5.5	5.0	NA	CH2M
	01/24/2014	4.5	5.0	NA	CH2M
	04/15/2014	5.6	5.7	NA	CH2M
	07/21/2014	6.1	5.5	NA	CH2M
	10/16/2014	5.6	5.9	NA	CH2M
	01/22/2015	5.8	6.1	NA	CH2M
	04/08/2015	5.7	5.9	NA	CH2M
	04/08/2015*	5.7	5.9	NA	CH2M
	07/08/2015	5.4	5.6	NA	CH2M
	10/23/2015	5.2	6.0	NA	Arcadis
	01/08/2016	7.1	6.1	NA	Arcadis
	07/13/2016	ND (1.0)	0.52	NA	Arcadis
	01/30/2017	5.1	5.4	NA	Arcadis
	07/18/2017	5.0	5.8	NA	Arcadis
	10/18/2017	5.5	6.0	NA	Arcadis
	05/03/2018	5.5	5.8	NA	Arcadis
	10/11/2018	6.0	6.1	NA	Arcadis
	04/05/2019	5.8	6.1	NA	Arcadis
	10/22/2019	5.6	5.7	NA	Arcadis
	04/24/2020	3.9	4.3	NA	Arcadis
	10/13/2020	4.4	3.7	NA	Arcadis
	04/15/2021	2.1	2.0	NA	Arcadis
No. of Samples: 37					
MW-89D	06/21/2010	1.0	ND (0.78)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	1.2	0.74	NA	CH2M
	01/27/2011	ND (1.0)	0.99	NA	CH2M
	05/05/2011	1.6	0.94	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-89D	07/28/2011	ND (1.0)	0.49	NA	CH2M
	11/11/2011	1.2	0.66	NA	CH2M
	01/18/2012	ND (1.0)	0.63	NA	CH2M
	04/10/2012	ND (1.0)	0.43	NA	CH2M
	07/10/2012	ND (1.0)	0.61	NA	CH2M
	10/12/2012	ND (1.0)	0.66	NA	CH2M
	01/31/2013	ND (1.0)	0.74	NA	CH2M
	04/11/2013	ND (1.0)	0.78	NA	CH2M
	08/01/2013	ND (1.0)	0.7	NA	CH2M
	10/17/2013	ND (1.0)	0.69	NA	CH2M
	01/24/2014	ND (1.0)	0.66	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.77)	NA	CH2M
	07/24/2014	ND (1.0)	0.57	NA	CH2M
	10/09/2014	ND (1.0)	0.61	NA	CH2M
	01/14/2015	ND (1.0)	0.71	NA	CH2M
	04/08/2015	ND (1.0)	0.8	NA	CH2M
	07/09/2015	ND (1.0)	0.67	NA	CH2M
	10/14/2015	ND (1.0)	0.72	NA	Arcadis
	01/07/2016	1.0	0.76	NA	Arcadis
	04/08/2016	ND (1.0)	0.6	NA	Arcadis
	07/19/2016	ND (1.0)	0.76	NA	Arcadis
	10/19/2016	ND (1.0)	0.81	NA	Arcadis
	01/03/2017	ND (1.0)	0.61	NA	Arcadis
	01/03/2017*	ND (1.0)	0.59	NA	Arcadis
	04/20/2017	ND (1.0)	0.53	NA	Arcadis
	07/12/2017	ND (1.0)	0.77	NA	Arcadis
	10/18/2017	ND (1.0)	0.6	NA	Arcadis
	01/08/2018	ND (1.0)	0.8	NA	Arcadis
	01/08/2018*	ND (1.0)	0.78	NA	Arcadis
	04/04/2018	ND (1.0)	0.59	NA	Arcadis
	07/16/2018	ND (1.0)	0.71	NA	Arcadis
	10/15/2018	ND (1.0)	0.67	NA	Arcadis
	01/07/2019	ND (1.0)	0.69	NA	Arcadis
	04/03/2019	ND (1.0)	0.73	NA	Arcadis
	07/11/2019	ND (1.0)	0.36	NA	Arcadis
	10/22/2019	ND (1.0)	0.66	NA	Arcadis
	01/07/2020	ND (1.0)	0.72	NA	Arcadis
	04/06/2020	ND (1.0)	0.52	NA	Arcadis
	07/09/2020	ND (1.0)	0.62	NA	Arcadis
	10/12/2020	ND (1.0)	0.6	NA	Arcadis
	01/22/2021	1.0	0.63	NA	Arcadis
	04/12/2021	ND (1.0)	0.74	NA	Arcadis
No. of Samples: 47					
MW-89S	06/21/2010	2.1	2.4	NA	CH2M
	08/02/2010	3.1	3.0	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-89S	10/28/2010	3.0	2.6	NA	CH2M
	01/27/2011	3.8	3.7	NA	CH2M
	05/05/2011	4.6	4.4	NA	CH2M
	07/28/2011	4.3	3.5	NA	CH2M
	07/28/2011*	4.4	3.7	NA	CH2M
	11/11/2011	3.8	3.8	NA	CH2M
	01/18/2012	4.8	3.8	NA	CH2M
	04/10/2012	4.9	3.5	NA	CH2M
	07/10/2012	4.8	4.7	NA	CH2M
	10/12/2012	4.1	4.0	NA	CH2M
	01/31/2013	4.4	4.0	NA	CH2M
	04/11/2013	4.1	3.4	NA	CH2M
	08/01/2013	3.6	3.2	NA	CH2M
	10/17/2013	3.3	3.0	NA	CH2M
	01/24/2014	3.3	2.7	NA	CH2M
	04/15/2014	3.3	3.1	NA	CH2M
	07/24/2014	4.0	2.5	NA	CH2M
	09/04/2014	3.1	3.0	NA	CH2M
	10/09/2014	2.9	3.1	NA	CH2M
	01/14/2015	3.2	3.3	NA	CH2M
	04/08/2015	3.5	3.2	NA	CH2M
	07/09/2015	3.1	3.2	NA	CH2M
	10/14/2015	3.1	3.0	NA	Arcadis
	01/07/2016	3.2	2.7	NA	Arcadis
	04/08/2016	2.7	2.0	NA	Arcadis
	07/19/2016	2.4	2.4	NA	Arcadis
	07/19/2016*	2.4	2.4	NA	Arcadis
	10/19/2016	3.5	2.2	NA	Arcadis
	12/08/2016	2.5	2.4	NA	Arcadis
	01/03/2017	2.1	2.3	NA	Arcadis
	04/20/2017	2.3	2.2	NA	Arcadis
	07/12/2017	2.8	2.3	NA	Arcadis
	07/12/2017*	2.6	2.3	NA	Arcadis
	10/18/2017	3.0	2.3	NA	Arcadis
	01/08/2018	2.4	2.3	NA	Arcadis
	04/04/2018	2.8	2.2	NA	Arcadis
	07/16/2018	2.3	2.3	NA	Arcadis
	10/15/2018	2.6	2.4	NA	Arcadis
	10/15/2018*	2.7	2.3	NA	Arcadis
	01/07/2019	3.4	2.1	NA	Arcadis
	03/05/2019	2.9	2.1	NA	Arcadis
	04/03/2019	2.4	2.3	NA	Arcadis
	04/03/2019*	2.4	2.3	NA	Arcadis
	07/11/2019	2.2	2.4	NA	Arcadis
	10/22/2019	2.6	2.1	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-89S	01/07/2020	2.5	2.2	NA	Arcadis
	04/06/2020	3.1	1.9	NA	Arcadis
	07/09/2020	2.5	2.0	NA	Arcadis
	10/12/2020	2.6	2.0	NA	Arcadis
	01/22/2021	2.5	1.8	NA	Arcadis
	04/12/2021	2.6	1.7	NA	Arcadis
No. of Samples: 53					
MW-90C	11/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	01/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011*	1.4	ND (0.2)	NA	CH2M
	08/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	ND (0.06 J)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2012	ND (1.0)	ND (0.2 J)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.2)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.2)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.2)	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.2)	NA	CH2M
	07/25/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/25/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.2)	NA	CH2M
	01/19/2015	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.2)	NA	CH2M
	07/20/2015	ND (1.0)	ND (0.2)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.2)	NA	Arcadis
	01/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/15/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	05/01/2018	1.0	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	12/03/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/06/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2021	4.0	2.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-90C	06/03/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 39					
MW-91C	11/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2011	ND (1.0)	ND (0.077)	NA	CH2M
	10/28/2011*	ND (1.0)	ND (0.074)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014*	ND (1.0)	ND (0.077)	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/21/2015	ND (1.0)	ND (0.074)	NA	Arcadis
	01/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/15/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/01/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 36					
MW-92C	02/04/2011	28.6	29.7	NA	CH2M
	04/29/2011	37.8	39.9	NA	CH2M
	08/09/2011	39.6	41.8	NA	CH2M
	10/28/2011	41	41.6	NA	CH2M
	02/03/2012	41.2	39	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-92C	02/03/2012*	40.9	39	NA	CH2M
	04/13/2012	39.2	34.3	NA	CH2M
	07/25/2012	27.5	20.8	NA	CH2M
	10/08/2012	18.5	15	NA	CH2M
	02/01/2013	16	8.8	NA	CH2M
	03/11/2013	15.3	7.8	NA	CH2M
	04/09/2013	11.7	10.4	NA	CH2M
	07/11/2013	17.2	14.4	NA	CH2M
	10/09/2013	19	19.1	NA	CH2M
	01/15/2014	24.4	17.8	NA	CH2M
	01/15/2014*	24.4	18.2	NA	CH2M
	04/17/2014	23	20	NA	CH2M
	07/23/2014	25	24	NA	CH2M
	10/16/2014	25	27	NA	CH2M
	01/15/2015	22	24	NA	CH2M
	04/09/2015	26	27	NA	CH2M
	07/20/2015	20	22	NA	CH2M
	10/21/2015	20	22	NA	Arcadis
	01/06/2016	25	21	NA	Arcadis
	04/15/2016	19	20	NA	Arcadis
	07/19/2016	19	19	NA	Arcadis
	07/19/2016*	19	19	NA	Arcadis
	10/06/2016	21	19	NA	Arcadis
	01/05/2017	19	18	NA	Arcadis
	04/17/2017	19	18	NA	Arcadis
	07/20/2017	16	18	NA	Arcadis
	10/17/2017	16	17	NA	Arcadis
	01/11/2018	16	16	NA	Arcadis
	04/12/2018	15	16	NA	Arcadis
	04/12/2018*	15	16	NA	Arcadis
	07/11/2018	13	13	NA	Arcadis
	10/08/2018	17	16	NA	Arcadis
	10/08/2018*	17	16	NA	Arcadis
	01/09/2019	19	17	NA	Arcadis
	01/09/2019*	19	17	NA	Arcadis
	04/10/2019	19	18	NA	Arcadis
	07/10/2019	18	18	NA	Arcadis
	10/18/2019	19	18	NA	Arcadis
	01/16/2020	24	25	NA	Arcadis
	03/04/2020	21	19	NA	Arcadis
	04/13/2020	19	15	NA	Arcadis
	07/09/2020	23	21	NA	Arcadis
	10/15/2020	26	24	NA	Arcadis
	01/20/2021	24	23	NA	Arcadis
	04/13/2021	25	25	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 50					
MW-93C	02/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	0.21	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2015	ND (1.0)	0.37	NA	CH2M
	10/21/2015	ND (1.0)	0.25	NA	Arcadis
	04/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 31					
MW-94D	02/01/2011	1.5	1.4	NA	CH2M
	05/05/2011	1.4	1.0	NA	CH2M
	08/10/2011	ND (1.0)	0.45	NA	CH2M
	10/31/2011	ND (1.0)	0.57	NA	CH2M
	02/03/2012	1.7	1.3	NA	CH2M
	04/17/2012	4.3	3.7	NA	CH2M
	06/28/2012	2.3	2.0	NA	CH2M
	07/31/2012	3.6	3.2	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	2.3	2.0	NA	CH2M
	04/10/2013	ND (1.0)	0.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-94D	07/16/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	2.0	1.2	NA	CH2M
	04/17/2014	3.4	3.3	NA	CH2M
	07/23/2014	3.6	3.2	NA	CH2M
	10/09/2014	3.5	3.7	NA	CH2M
	01/13/2015	1.6	1.5	NA	CH2M
	04/07/2015	2.3	2.1	NA	CH2M
	07/09/2015	4.2	4.1	NA	CH2M
	07/09/2015*	4.2	4.0	NA	CH2M
	10/08/2015	4.5	3.9	NA	Arcadis
	04/07/2016	3.7	3.3	NA	Arcadis
	10/04/2016	4.5	3.8	NA	Arcadis
	02/02/2017	3.7	3.6	NA	Arcadis
	04/18/2017	2.7	2.3	NA	Arcadis
	07/11/2017	2.9	3.1	NA	Arcadis
	10/06/2017	4.1	2.8	NA	Arcadis
	11/27/2017	3.7	3.5	NA	Arcadis
	04/04/2018	6.1	4.7	NA	Arcadis
	06/06/2018	4.3	3.9	NA	Arcadis
	10/03/2018	2.8	2.4	NA	Arcadis
	10/11/2019	4.5	3.6	NA	Arcadis
	10/09/2020	4.1	3.4	NA	Arcadis
No. of Samples:		35			
MW-94S	02/01/2011	4.9	4.8	NA	CH2M
	05/05/2011	7.8	7.2	NA	CH2M
	08/10/2011	6.9	7.1	NA	CH2M
	10/31/2011	5.7	6.9	NA	CH2M
	02/03/2012	7.0	6.7	NA	CH2M
	04/13/2012	7.1	6.8	NA	CH2M
	07/31/2012	5.1	4.8	NA	CH2M
	10/08/2012	2.3	2.1	NA	CH2M
	01/30/2013	7.0	6.9	NA	CH2M
	04/10/2013	6.8	5.9	NA	CH2M
	07/16/2013	5.8	5.2	NA	CH2M
	10/10/2013	6.7	6.4	NA	CH2M
	01/15/2014	7.5	6.2	NA	CH2M
	04/17/2014	6.7	6.7	NA	CH2M
	07/23/2014	6.9	6.5	NA	CH2M
	10/09/2014	6.6	7.1	NA	CH2M
	01/13/2015	6.9	7.3	NA	CH2M
	04/07/2015	6.6	6.1	NA	CH2M
	07/09/2015	6.9	6.6	NA	CH2M
	10/08/2015	5.7	5.9	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-94S	01/05/2016	6.5	6.6	NA	Arcadis
	01/05/2016*	6.5	6.5	NA	Arcadis
	04/07/2016	6.7	6.4	NA	Arcadis
	07/11/2016	6.3	6.1	NA	Arcadis
	10/04/2016	6.9	6.1	NA	Arcadis
	04/18/2017	6.3	6.3	NA	Arcadis
	10/06/2017	6.7	6.3	NA	Arcadis
	04/04/2018	7.0	7.0	NA	Arcadis
	10/03/2018	6.3	5.6	NA	Arcadis
	04/10/2019	7.3	6.8	NA	Arcadis
	10/11/2019	6.9	6.4	NA	Arcadis
	03/03/2020	6.7	6.1	NA	Arcadis
	04/07/2020	6.0	6.1	NA	Arcadis
	07/10/2020	6.9	6.0	NA	Arcadis
	10/09/2020	6.2	5.3	NA	Arcadis
	01/21/2021	5.9	5.8	NA	Arcadis
	04/14/2021	6.3	6.1	NA	Arcadis
No. of Samples: 37					
MW-95D	02/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/31/2011	ND (1.0)	ND (0.06 J)	NA	CH2M
	01/24/2012	ND (1.0)	0.14	NA	CH2M
	04/25/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/25/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	0.087	NA	CH2M
	10/02/2012	ND (1.0)	0.099	NA	CH2M
	01/30/2013	ND (1.0)	0.11	NA	CH2M
	04/02/2013	ND (1.0)	0.081	NA	CH2M
	04/02/2013*	ND (1.0)	0.068	NA	CH2M
	07/15/2013	ND (1.0)	0.46	NA	CH2M
	10/18/2013	ND (1.0)	0.52	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2014	ND (1.0)	0.35	NA	CH2M
	07/23/2014	ND (1.0)	0.4	NA	CH2M
	10/13/2014	ND (1.0)	0.61	NA	CH2M
	01/16/2015	ND (1.0)	0.57	NA	CH2M
	04/13/2015	ND (1.0)	0.69	NA	CH2M
	07/16/2015	ND (1.0)	0.44	NA	CH2M
	10/12/2015	ND (1.0)	0.45	NA	Arcadis
	04/12/2021	3.7	1.9	NA	Arcadis
No. of Samples: 23					
MW-95S	02/01/2011	4.0	4.1	NA	CH2M
	04/28/2011	7.0	6.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-95S	08/10/2011	7.4	8.1	NA	CH2M
	10/31/2011	7.8	7.8	NA	CH2M
	02/03/2012	7.5	6.7	NA	CH2M
	04/18/2012	8.8	8.0	NA	CH2M
	07/25/2012	8.1	8.0	NA	CH2M
	10/08/2012	11.5	6.9	NA	CH2M
	12/05/2012	7.8	7.0	NA	CH2M
	01/16/2013	7.8	7.8	NA	CH2M
	04/09/2013	7.7	7.6	NA	CH2M
	07/17/2013	9.1	7.6	NA	CH2M
	10/18/2013	8.0	7.6	NA	CH2M
	10/18/2013*	7.8	7.6	NA	CH2M
	01/23/2014	6.9	7.5	NA	CH2M
	04/08/2014	8.0	8.5	NA	CH2M
	07/23/2014	8.3	8.6	NA	CH2M
	10/13/2014	7.9	8.3	NA	CH2M
	01/16/2015	7.5	8.2	NA	CH2M
	04/13/2015	7.8	8.8	NA	CH2M
	07/16/2015	7.8	8.5	NA	CH2M
	10/12/2015	7.4	8.6	NA	Arcadis
	01/06/2016	9.4	8.3	NA	Arcadis
	04/12/2016	9.3	8.3	NA	Arcadis
	04/12/2016*	8.7	8.4	NA	Arcadis
	07/19/2016	8.5	8.2	NA	Arcadis
	10/18/2016	8.1	8.2	NA	Arcadis
	04/13/2017	8.5	8.4	NA	Arcadis
	10/13/2017	8.1	8.1	NA	Arcadis
	04/16/2018	8.1	8.0	NA	Arcadis
	10/15/2018	10	7.9	NA	Arcadis
	04/08/2019	8.0	8.0	NA	Arcadis
	04/08/2019*	8.0	8.0	NA	Arcadis
	10/21/2019	7.5	6.4	NA	Arcadis
	04/15/2020	8.0	7.0	NA	Arcadis
	10/21/2020	8.2	7.3	NA	Arcadis
	04/12/2021	7.0	7.1	NA	Arcadis
No. of Samples:		37			
MW-96D	02/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	0.48	NA	CH2M
	08/10/2011	ND (1.0)	0.23	NA	CH2M
	10/31/2011	ND (1.0)	0.084 J	NA	CH2M
	02/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-96D	01/30/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.1	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.085)	NA	CH2M
	01/15/2015	ND (1.0)	0.07	NA	CH2M
	04/07/2015	ND (1.0)	0.068	NA	CH2M
	07/09/2015	ND (1.0)	ND (0.071)	NA	CH2M
	10/12/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/12/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 23					
MW-96S	02/07/2011	1.4	1.6	NA	CH2M
	04/29/2011	1.2	1.0	NA	CH2M
	08/10/2011	1.2	1.6	NA	CH2M
	10/31/2011	2.3	2.4	NA	CH2M
	02/02/2012	2.7	2.7	NA	CH2M
	04/18/2012	2.8	2.7	NA	CH2M
	07/30/2012	3.1	2.6	NA	CH2M
	10/02/2012	3.0	2.8	NA	CH2M
	01/30/2013	3.0	3.0	NA	CH2M
	04/02/2013	2.8	2.7	NA	CH2M
	07/15/2013	2.5	2.6	NA	CH2M
	10/07/2013	2.9	2.8	NA	CH2M
	01/08/2014	3.0	2.9	NA	CH2M
	04/15/2014	3.0	3.1	NA	CH2M
	06/04/2014	2.9	2.8	NA	CH2M
	07/24/2014	3.4	2.8	NA	CH2M
	09/04/2014	ND (1.0)	0.16	NA	CH2M
	10/09/2014	ND (1.0)	0.71	NA	CH2M
	01/15/2015	1.6	1.7	NA	CH2M
	04/07/2015	1.9	1.8	NA	CH2M
	07/09/2015	2.5	2.3	NA	CH2M
	10/12/2015	2.2	2.1	NA	Arcadis
	01/05/2016	3.9	2.2	NA	Arcadis
	03/11/2016	2.8	2.8	NA	Arcadis
	04/07/2016	2.7	2.6	NA	Arcadis
	07/13/2016	2.3	2.2	NA	Arcadis
	10/07/2016	2.9	2.6	NA	Arcadis
	01/06/2017	2.8	2.6	NA	Arcadis
	04/18/2017	2.6	2.5	NA	Arcadis
	07/14/2017	2.3	2.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-96S	10/10/2017	2.9	2.8	NA	Arcadis
	01/10/2018	2.9	2.1	NA	Arcadis
	04/09/2018	2.5	2.3	NA	Arcadis
	10/12/2018	2.9	2.9	NA	Arcadis
	10/12/2018*	2.9	3.0	NA	Arcadis
	04/03/2019	2.2	2.0	NA	Arcadis
	10/11/2019	2.8	2.3	NA	Arcadis
	05/07/2020	2.5	2.5	NA	Arcadis
	10/13/2020	2.6	2.4	NA	Arcadis
	04/12/2021	2.9	2.9	NA	Arcadis
No. of Samples: 40					
MW-97D	02/07/2011	1.9	1.8	NA	CH2M
	05/05/2011	2.1	0.78	NA	CH2M
	06/02/2011	1.7	1.2	NA	CH2M
	06/02/2011*	1.7	1.2	NA	CH2M
	08/10/2011	1.4	1.2	NA	CH2M
	10/31/2011	1.7	1.1	NA	CH2M
	02/02/2012	1.8	1.2	NA	CH2M
	04/18/2012	1.8	1.2	NA	CH2M
	07/26/2012	1.8	1.2	NA	CH2M
	07/26/2012*	1.7	1.2	NA	CH2M
	10/08/2012	2.1	1.3	NA	CH2M
	01/30/2013	1.6	1.3	NA	CH2M
	04/19/2013	1.4	1.1	NA	CH2M
	07/16/2013	3.9	1.1	NA	CH2M
	10/15/2013	1.7	1.2	NA	CH2M
	01/15/2014	2.9	0.91	NA	CH2M
	04/16/2014	1.8	1.3	NA	CH2M
	07/23/2014	1.7	1.2	NA	CH2M
	10/09/2014	1.7	1.6	NA	CH2M
	01/13/2015	1.8	1.5	NA	CH2M
	01/13/2015*	1.7	1.5	NA	CH2M
	04/07/2015	1.6	1.2	NA	CH2M
	07/09/2015	2.1	1.6	NA	CH2M
	10/08/2015	1.9	1.5	NA	Arcadis
	04/14/2021	2.3	2.0	NA	Arcadis
No. of Samples: 25					
MW-97S	02/07/2011	1.6	1.8	NA	CH2M
	02/07/2011*	1.7	2.1	NA	CH2M
	05/05/2011	22.7	0.25	NA	CH2M
	06/02/2011	1.3	1.3	NA	CH2M
	08/10/2011	1.6	1.3	NA	CH2M
	10/31/2011	2.1	2.1	NA	CH2M
	02/02/2012	2.8	2.1	NA	CH2M

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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-97S	04/18/2012	3.4	2.9	NA	CH2M
	06/13/2012	3.1	2.6	NA	CH2M
	07/26/2012	3.8	3.0	NA	CH2M
	09/11/2012	2.4	2.1	NA	CH2M
	10/02/2012	2.6	2.2	NA	CH2M
	10/02/2012*	2.6	2.2	NA	CH2M
	01/30/2013	3.9	3.5	NA	CH2M
	04/19/2013	4.4	4.3	NA	CH2M
	07/16/2013	5.1	4.1	NA	CH2M
	10/15/2013	3.8	3.6	NA	CH2M
	01/15/2014	8.2	4.2	NA	CH2M
	04/16/2014	5.2	4.9	NA	CH2M
	07/23/2014	5.9	4.5	NA	CH2M
	10/09/2014	5.5	5.5	NA	CH2M
	01/13/2015	5.1	5.1	NA	CH2M
	04/07/2015	4.7	3.8	NA	CH2M
	04/07/2015*	4.7	3.8	NA	CH2M
	07/09/2015	4.5	3.8	NA	CH2M
	10/08/2015	4.9	4.9	NA	Arcadis
	01/05/2016	6.2	5.8	NA	Arcadis
	04/07/2016	5.6	3.8	NA	Arcadis
	06/01/2016	5.2	4.8	NA	Arcadis
	07/13/2016	4.9	4.5	NA	Arcadis
	10/04/2016	8.0	7.0	NA	Arcadis
	01/31/2017	6.9	5.4	NA	Arcadis
	04/18/2017	7.6	6.5	NA	Arcadis
	07/14/2017	8.7	7.3	NA	Arcadis
	11/02/2017	7.6	5.6	NA	Arcadis
	11/02/2017*	7.1	5.6	NA	Arcadis
	11/30/2017	7.1	5.3	NA	Arcadis
	01/08/2018	9.6	6.7	NA	Arcadis
	03/07/2018	6.5	5.7	NA	Arcadis
	04/09/2018	8.8	5.7	NA	Arcadis
	06/06/2018	6.0	4.8	NA	Arcadis
	07/18/2018	7.2	6.1	NA	Arcadis
	10/16/2018	7.7	5.6	NA	Arcadis
	11/27/2018	8.2	6.6	NA	Arcadis
	04/10/2019	11	8.2	NA	Arcadis
	06/05/2019	7.7	6.0	NA	Arcadis
	10/11/2019	11	6.7	NA	Arcadis
	12/03/2019	5.8	4.0	NA	Arcadis
	04/07/2020	6.9	7.1	NA	Arcadis
	10/09/2020	7.5	6.5	NA	Arcadis
	04/14/2021	8.4	8.8	NA	Arcadis

No. of Samples: 51

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-98C	06/07/2011	ND (1.0)	0.34	NA	CH2M
	08/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	10/31/2011	ND (1.0)	0.34	NA	CH2M
	02/02/2012	ND (1.0)	0.11	NA	CH2M
	04/12/2012	ND (1.0)	0.17	NA	CH2M
	07/18/2012	ND (1.0)	0.21	NA	CH2M
	10/02/2012	ND (1.0)	0.18	NA	CH2M
	01/31/2013	ND (1.0)	0.24	NA	CH2M
	04/19/2013	ND (1.0)	0.16	NA	CH2M
	07/16/2013	ND (1.0)	0.17	NA	CH2M
	10/16/2013	ND (1.0)	0.17	NA	CH2M
	01/21/2014	ND (1.0)	0.15	NA	CH2M
	04/17/2014	ND (1.0)	0.24	NA	CH2M
	04/17/2014*	ND (1.0)	0.23	NA	CH2M
	07/23/2014	ND (1.0)	0.2	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.21)	NA	CH2M
	01/22/2015	ND (1.0)	0.25	NA	CH2M
	04/09/2015	ND (1.0)	0.23	NA	CH2M
	07/20/2015	ND (1.0)	0.24	NA	CH2M
	10/21/2015	ND (1.0)	0.34	NA	Arcadis
	01/12/2016	ND (1.0)	0.21	NA	Arcadis
	04/21/2016	ND (1.0)	0.24	NA	Arcadis
	07/14/2016	ND (1.0)	0.31	NA	Arcadis
	10/17/2016	ND (1.0)	0.2	NA	Arcadis
	04/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		34			
MW-99C	06/07/2011	1.2	0.4	NA	CH2M
	06/21/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2011	ND (1.0)	0.36	NA	CH2M
	10/27/2011	ND (1.1)	0.2	NA	CH2M
	02/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	0.15	NA	CH2M
	04/23/2012*	ND (1.0)	0.15	NA	CH2M
	07/19/2012	ND (1.0)	0.14	NA	CH2M
	10/04/2012	ND (1.0)	0.19	NA	CH2M
	01/31/2013	ND (1.0)	0.25	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-99C	04/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.35)	NA	CH2M
	10/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.083)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	0.25	NA	CH2M
	01/19/2015	ND (1.0)	0.38	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.099)	NA	CH2M
	04/08/2015*	ND (1.0)	ND (0.099)	NA	CH2M
	07/20/2015	ND (1.0)	0.56	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.074)	NA	Arcadis
	04/21/2016	ND (1.0)	0.5	NA	Arcadis
	05/05/2016	ND (1.0)	0.25	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	0.21	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		34			
MW-100C	06/07/2011	6.8	5.5	NA	CH2M
	07/29/2011	10	9.0	NA	CH2M
	10/27/2011	11.8	9.3	NA	CH2M
	02/02/2012	11.8	10.8	NA	CH2M
	02/02/2012*	11.3	10.9	NA	CH2M
	04/30/2012	12.2	12	NA	CH2M
	07/25/2012	14.9	14	NA	CH2M
	10/09/2012	15.6	14.8	NA	CH2M
	02/01/2013	12.6	11.6	NA	CH2M
	04/09/2013	15.6	15	NA	CH2M
	07/11/2013	18.7 J	15.6	NA	CH2M
	07/11/2013*	14.2 J	15.6	NA	CH2M
	10/15/2013	17.7	17.1	NA	CH2M
	01/22/2014	19.3	18.9	NA	CH2M
	04/14/2014	19	19	NA	CH2M
	07/25/2014	20	19	NA	CH2M
	07/25/2014*	21	19	NA	CH2M
	10/14/2014	18	18	NA	CH2M
	01/19/2015	18	19	NA	CH2M
	04/08/2015	14	14	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-100C	07/23/2015	12	13	NA	CH2M
	10/14/2015	12	12	NA	Arcadis
	01/12/2016	8.4	7.1	NA	Arcadis
	04/21/2016	15	11	NA	Arcadis
	04/21/2016*	15	11	NA	Arcadis
	06/02/2016	12	12	NA	Arcadis
	08/05/2016	12	12	NA	Arcadis
	10/06/2016	13	10	NA	Arcadis
	01/05/2017	12	11	NA	Arcadis
	04/10/2017	12	11	NA	Arcadis
	07/20/2017	8.9	9.2	NA	Arcadis
	10/17/2017	11	11	NA	Arcadis
	01/09/2018	14	13	NA	Arcadis
	04/11/2018	14	14	NA	Arcadis
	07/12/2018	15	16	NA	Arcadis
	10/10/2018	13	13	NA	Arcadis
	01/09/2019	16	14	NA	Arcadis
	04/04/2019	17	17	NA	Arcadis
	07/10/2019	18	18	NA	Arcadis
	10/15/2019	15	14	NA	Arcadis
	01/10/2020	18	17	NA	Arcadis
	04/23/2020	18	18	NA	Arcadis
	07/10/2020	19	18	NA	Arcadis
	10/14/2020	20	18	NA	Arcadis
	01/20/2021	18	18	NA	Arcadis
	04/15/2021	18	18	NA	Arcadis
No. of Samples: 46					
MW-101D	06/16/2011	18.2	16.4	NA	CH2M
	07/29/2011	12.6	14.8	NA	CH2M
	10/25/2011	13.7	13.3	NA	CH2M
	02/02/2012	11.5	11.3	NA	CH2M
	04/30/2012	12.6	12.2	NA	CH2M
	07/25/2012	9.9	9.1	NA	CH2M
	10/09/2012	2.6	2.1	NA	CH2M
	01/21/2013	6.8	6.6	NA	CH2M
	04/09/2013	12.2	11.5	NA	CH2M
	07/11/2013	9.9	8.5	NA	CH2M
	10/16/2013	6.5	5.6	NA	CH2M
	01/21/2014	6.1	6.0	NA	CH2M
	04/03/2014	9.6	9.3	NA	CH2M
	07/09/2014	6.2	6.9	NA	CH2M
	10/14/2014	3.7	3.6	NA	CH2M
	10/14/2014*	3.6	3.6	NA	CH2M
	01/22/2015	2.6	2.7	NA	CH2M
	04/09/2015	4.4	4.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-101D	07/23/2015	4.2	4.1	NA	CH2M
	10/15/2015	3.5	3.3	NA	Arcadis
	10/15/2015*	3.8	3.3	NA	Arcadis
	01/12/2016	2.4	2.6	NA	Arcadis
	04/21/2016	3.6	3.3	NA	Arcadis
	06/02/2016	4.0	3.9	NA	Arcadis
	07/14/2016	3.6	3.6	NA	Arcadis
	10/20/2016	4.1	3.6	NA	Arcadis
	04/13/2017	3.2	3.3	NA	Arcadis
	04/13/2017*	3.3	3.3	NA	Arcadis
	10/12/2017	3.6	3.7	NA	Arcadis
	04/12/2018	4.7	4.4	NA	Arcadis
	10/16/2018	7.7	5.9	NA	Arcadis
	11/29/2018	7.5	6.8	NA	Arcadis
	02/11/2019	7.1	5.9	NA	Arcadis
	04/09/2019	6.1	5.8	NA	Arcadis
	07/10/2019	8.6	5.7	NA	Arcadis
	09/03/2019	5.3	5.2	NA	Arcadis
	10/18/2019	6.0	5.8	NA	Arcadis
	01/10/2020	6.2	5.4	NA	Arcadis
	04/14/2020	5.3	5.3	NA	Arcadis
	07/10/2020	5.5	4.0	NA	Arcadis
	07/10/2020*	5.1	3.9	NA	Arcadis
	09/03/2020	6.9	5.9	NA	Arcadis
	10/14/2020	6.1	5.3	NA	Arcadis
	04/15/2021	4.8	3.8	NA	Arcadis
No. of Samples: 44					
MW-101S	06/16/2011	26.1	19.2	NA	CH2M
	07/29/2011	12.3	15	NA	CH2M
	10/25/2011	18.8	15.7	NA	CH2M
	02/02/2012	15.6	15.3	NA	CH2M
	04/30/2012	13.6	14	NA	CH2M
	07/25/2012	12.8	12.2	NA	CH2M
	02/18/2013	4.9	5.0	NA	CH2M
	04/09/2013	7.0	6.9	NA	CH2M
No. of Samples: 8					
MW-102D	06/15/2011	2.8	2.6	NA	CH2M
	06/15/2011*	2.8	2.6	NA	CH2M
	07/29/2011	2.9	2.7	NA	CH2M
	10/25/2011	2.9	2.8	NA	CH2M
	02/02/2012	3.1	2.7	NA	CH2M
	04/18/2012	3.0	2.7	NA	CH2M
	07/25/2012	3.0	2.7	NA	CH2M
	10/04/2012	2.7	2.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-102D	01/31/2013	2.8	2.8	NA	CH2M
	01/31/2013*	2.9	2.8	NA	CH2M
	04/03/2013	3.0	2.7	NA	CH2M
	07/08/2013	2.8	2.8	NA	CH2M
	10/08/2013	2.7	2.8	NA	CH2M
	01/13/2014	2.7	2.7	NA	CH2M
	04/08/2014	2.9	2.8	NA	CH2M
	04/08/2014*	2.8	2.8	NA	CH2M
	07/23/2014	2.8	2.8	NA	CH2M
	10/13/2014	2.8	2.6	NA	CH2M
	01/13/2015	2.7	2.7	NA	CH2M
	04/13/2015	2.5	2.7	NA	CH2M
	07/16/2015	2.5	2.7	NA	CH2M
	10/12/2015	2.4	2.7	NA	Arcadis
	01/06/2016	3.1	2.5	NA	Arcadis
	04/12/2016	3.3	2.6	NA	Arcadis
	07/15/2016	2.8	2.5	NA	Arcadis
	10/18/2016	2.8	2.5	NA	Arcadis
	01/05/2017	2.9	2.5	NA	Arcadis
	04/17/2017	2.9	2.5	NA	Arcadis
	07/21/2017	2.2	2.5	NA	Arcadis
	10/13/2017	2.7	2.6	NA	Arcadis
	01/22/2018	3.3	2.5	NA	Arcadis
	03/05/2018	2.6	2.6	NA	Arcadis
	04/16/2018	2.9	2.4	NA	Arcadis
	10/15/2018	2.8	2.5	NA	Arcadis
	04/08/2019	2.7	2.5	NA	Arcadis
	10/21/2019	3.3	2.4	NA	Arcadis
	12/03/2019	2.9	2.6	NA	Arcadis
	04/15/2020	3.0	2.5	NA	Arcadis
	10/19/2020	3.3	2.5	NA	Arcadis
	12/03/2020	3.2	2.4	NA	Arcadis
	04/12/2021	2.9	2.6	NA	Arcadis
No. of Samples:		41			
MW-102S	06/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	ND (1.0)	0.39	NA	CH2M
	08/16/2011	ND (1.0)	0.29	NA	CH2M
	09/16/2011	ND (1.0)	0.34	NA	CH2M
	10/25/2011	ND (1.0)	0.47	NA	CH2M
	10/25/2011*	ND (1.0)	0.48	NA	CH2M
	11/14/2011	ND (1.0)	0.38	NA	CH2M
	02/02/2012	ND (1.0)	0.58	NA	CH2M
	04/18/2012	1.4	0.75	NA	CH2M
	07/25/2012	1.3	0.8	NA	CH2M
	10/09/2012	1.4	0.91	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-102S	01/16/2013	1.7	0.94	NA	CH2M
	04/09/2013	1.4	0.94	NA	CH2M
	04/09/2013*	1.6	0.96	NA	CH2M
	07/17/2013	1.5	1.0	NA	CH2M
	10/18/2013	1.6	1.1	NA	CH2M
	01/23/2014	1.2	1.1	NA	CH2M
	04/08/2014	1.5	1.4	NA	CH2M
	07/23/2014	1.6	1.4	NA	CH2M
	10/13/2014	1.6	1.3	NA	CH2M
	01/13/2015	1.7	1.6	NA	CH2M
	04/13/2015	1.7	1.6	NA	CH2M
	07/16/2015	1.8	1.5	NA	CH2M
	10/12/2015	1.5	1.7	NA	Arcadis
	04/12/2016	4.1	1.8	NA	Arcadis
	06/02/2016	2.5	1.9	NA	Arcadis
	07/15/2016	2.3	2.0	NA	Arcadis
	10/18/2016	2.5	1.9	NA	Arcadis
	01/05/2017	3.2	2.1	NA	Arcadis
	03/08/2017	2.9	2.0	NA	Arcadis
	04/17/2017	2.9	2.2	NA	Arcadis
	07/21/2017	2.0	2.0	NA	Arcadis
	10/13/2017	2.8	2.1	NA	Arcadis
	01/22/2018	4.7	2.2	NA	Arcadis
	03/05/2018	2.4	2.2	NA	Arcadis
	04/12/2021	3.1	1.8	NA	Arcadis
No. of Samples:		36			
MW-103D	06/15/2011	1.5	0.98	NA	CH2M
	08/04/2011	1.4	1.2	NA	CH2M
	10/25/2011	1.8	1.2	NA	CH2M
	02/03/2012	1.2	1.2	NA	CH2M
	04/18/2012	1.8	1.4	NA	CH2M
	07/25/2012	1.6	1.4	NA	CH2M
	10/09/2012	2.0	1.4	NA	CH2M
	01/16/2013	2.0	1.6	NA	CH2M
	04/09/2013	2.0	1.7	NA	CH2M
	07/15/2013	3.0	1.5	NA	CH2M
	07/31/2013	2.8	1.6	NA	CH2M
	10/17/2013	2.5	1.7	NA	CH2M
	10/17/2013*	2.3	1.7	NA	CH2M
	01/23/2014	1.8	1.7	NA	CH2M
	04/08/2014	1.9	1.8	NA	CH2M
	07/14/2014	1.6	1.8	NA	CH2M
	10/13/2014	1.8	1.4	NA	CH2M
	01/13/2015	1.6	1.6	NA	CH2M
	01/13/2015*	1.7	1.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-103D	04/13/2015	1.4	1.5	NA	CH2M
	07/14/2015	1.4	1.4	NA	CH2M
	10/12/2015	1.4	1.5	NA	Arcadis
	04/13/2017	1.6	1.2	NA	Arcadis
	07/20/2017	1.6	1.1	NA	Arcadis
	10/16/2017	1.5	1.2	NA	Arcadis
	01/16/2018	1.5	1.2	NA	Arcadis
	05/07/2020	2.1	1.0	NA	Arcadis
	06/04/2020	2.2	1.2	NA	Arcadis
	04/12/2021	1.9	1.1	NA	Arcadis
No. of Samples:		29			
MW-103S	06/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/14/2011	ND (1.0)	ND (0.15)	NA	CH2M
	02/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	0.11	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	0.091	NA	CH2M
	04/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	ND (1.0)	0.11	NA	CH2M
	10/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2015	ND (1.0)	0.071	NA	CH2M
	04/13/2015	ND (1.0)	0.094	NA	CH2M
	07/14/2015	ND (1.0)	ND (0.13)	NA	CH2M
	07/14/2015*	ND (1.0)	ND (0.14)	NA	CH2M
	10/12/2015	ND (1.0)	ND (0.2)	NA	Arcadis
	05/07/2020	1.1	0.43	NA	Arcadis
	04/12/2021	1.3	0.55	NA	Arcadis
No. of Samples:		25			
MW-104D	06/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2011	1.1	0.59	NA	CH2M
	10/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2011*	ND (1.0)	0.2	NA	CH2M
	02/02/2012	ND (1.0)	0.11	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.068)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-104D	07/19/2012	ND (1.0)	0.13	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.13)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.12	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	ND (0.12)	NA	CH2M
	01/12/2015	ND (1.0)	0.16	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	0.29	NA	CH2M
	10/08/2015	ND (1.0)	0.073	NA	Arcadis
	01/04/2016	ND (1.0)	0.096	NA	Arcadis
	04/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/08/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2017	3.6	ND (0.2)	NA	Arcadis
	11/30/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2020	1.6	ND (0.2)	NA	Arcadis
No. of Samples:		38			
MW-104S1	07/05/2011	3.3	4.0	NA	CH2M
	08/11/2011	4.3	4.8	NA	CH2M
	09/15/2011	4.1	4.1	NA	CH2M
	10/25/2011	4.5	4.4	NA	CH2M
	11/14/2011	4.2	3.7	NA	CH2M
	02/02/2012	4.3	3.6	NA	CH2M
	04/18/2012	3.5	3.8	NA	CH2M
	04/18/2012*	4.1	3.7	NA	CH2M
	07/26/2012	2.8	2.5	NA	CH2M
	10/09/2012	3.4	3.6	NA	CH2M
	01/21/2013	1.3	1.3	NA	CH2M
	04/11/2013	3.2	3.4	NA	CH2M
	07/16/2013	3.4	2.8	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-104S1	10/11/2013	2.6	2.3	NA	CH2M
	01/20/2014	2.5	2.3	NA	CH2M
	04/16/2014	3.8	3.7	NA	CH2M
	07/24/2014	4.0	3.4	NA	CH2M
	10/08/2014	3.6	3.7	NA	CH2M
	01/12/2015	3.3	3.7	NA	CH2M
	04/06/2015	3.3	3.3	NA	CH2M
	07/09/2015	3.5	3.6	NA	CH2M
	10/08/2015	3.5	3.2	NA	Arcadis
	01/04/2016	1.0	1.4	NA	Arcadis
	04/06/2016	3.6	3.2	NA	Arcadis
	05/31/2016	3.3	3.5	NA	Arcadis
	07/08/2016	3.7	3.4	NA	Arcadis
	10/12/2016	3.6	3.2	NA	Arcadis
	02/02/2017	3.5	3.3	NA	Arcadis
	04/05/2017	3.4	3.1	NA	Arcadis
	07/12/2017	3.3	3.5	NA	Arcadis
	10/05/2017	3.9	3.3	NA	Arcadis
	01/09/2018	3.6	3.4	NA	Arcadis
	04/05/2018	3.6	3.5	NA	Arcadis
	04/05/2018*	3.7	3.6	NA	Arcadis
	10/10/2018	3.7	3.4	NA	Arcadis
	02/11/2019	3.5	3.2	NA	Arcadis
	04/03/2019	2.9	3.2	NA	Arcadis
	07/09/2019	3.9	3.7	NA	Arcadis
	10/22/2019	3.4	3.3	NA	Arcadis
	04/07/2020	3.6	3.3	NA	Arcadis
	10/08/2020	3.7	3.0	NA	Arcadis
	04/07/2021	3.4	3.1	NA	Arcadis
No. of Samples:		42			
MW-104S2	06/07/2011	2.9	2.5	NA	CH2M
	08/03/2011	3.9	3.0	NA	CH2M
	08/11/2011	2.8	3.2	NA	CH2M
	09/15/2011	2.7	3.1	NA	CH2M
	10/25/2011	3.3	3.0	NA	CH2M
	11/14/2011	3.1	2.8	NA	CH2M
	02/02/2012	3.2	3.0	NA	CH2M
	04/18/2012	3.5	3.1	NA	CH2M
	07/26/2012	2.9	2.8	NA	CH2M
	10/04/2012	3.4	3.2	NA	CH2M
	01/21/2013	3.0	3.0	NA	CH2M
	04/11/2013	2.9	3.0	NA	CH2M
	07/16/2013	3.1	2.8	NA	CH2M
	10/11/2013	3.0	2.8	NA	CH2M
	01/20/2014	2.3	2.4	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-104S2	04/17/2014	2.8	2.6	NA	CH2M
	07/24/2014	3.5	3.1	NA	CH2M
	10/08/2014	3.2	3.3	NA	CH2M
	10/08/2014*	3.0	3.3	NA	CH2M
	01/12/2015	2.9	3.2	NA	CH2M
	04/06/2015	3.3	3.1	NA	CH2M
	07/09/2015	3.1	3.2	NA	CH2M
	10/08/2015	3.3	3.0	NA	Arcadis
	10/08/2015*	3.1	3.0	NA	Arcadis
	04/06/2016	3.2	3.1	NA	Arcadis
	10/12/2016	3.1	2.9	NA	Arcadis
	10/05/2017	2.7	2.8	NA	Arcadis
	10/10/2018	3.2	2.9	NA	Arcadis
	10/22/2019	3.1	2.8	NA	Arcadis
	10/08/2020	3.3	2.9	NA	Arcadis
No. of Samples: 30					
MW-105D	07/11/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2011	ND (1.0)	0.31	NA	CH2M
	02/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/02/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.064)	NA	CH2M
	07/19/2012	ND (1.0)	0.067	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.095)	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	ND (0.085)	NA	CH2M
	07/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.1)	NA	CH2M
	10/09/2014*	ND (1.0)	0.21	NA	CH2M
	01/19/2015	ND (1.0)	0.24	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2015	ND (1.0)	0.11	NA	CH2M
	10/15/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/15/2015*	ND (1.0)	ND (0.06)	NA	Arcadis
	01/05/2016	ND (1.0)	0.29	NA	Arcadis
	01/05/2016*	ND (1.0)	0.29	NA	Arcadis
	04/07/2016	ND (1.0)	0.34	NA	Arcadis
	07/11/2016	ND (1.0)	0.35	NA	Arcadis
	10/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/03/2017	ND (1.0)	ND (0.06)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-105D	04/06/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/17/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/17/2017*	ND (1.0)	ND (0.13)	NA	Arcadis
	10/09/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/16/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/01/2018	ND (1.0)	0.3	NA	Arcadis
	01/07/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/10/2019*	ND (1.0)	ND (0.06)	NA	Arcadis
	01/07/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	10/06/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	10/06/2020*	ND (1.0)	ND (0.06)	NA	Arcadis
	02/03/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2021	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples: 49					
MW-105S	07/11/2011	2.2	2.2	NA	CH2M
	08/12/2011	2.1	2.4	NA	CH2M
	08/12/2011*	2.3	2.5	NA	CH2M
	09/14/2011	2.5	2.6	NA	CH2M
	10/25/2011	3.0	2.4	NA	CH2M
	11/14/2011	3.0	2.2	NA	CH2M
	02/02/2012	2.6	2.4	NA	CH2M
	04/18/2012	3.0	2.3	NA	CH2M
	07/25/2012	2.5	2.4	NA	CH2M
	10/04/2012	2.6	2.5	NA	CH2M
	01/25/2013	2.9	2.5	NA	CH2M
	04/17/2013	2.5	2.4	NA	CH2M
	07/16/2013	2.4	1.8	NA	CH2M
	10/10/2013	2.5	2.4	NA	CH2M
	01/14/2014	2.8	2.1	NA	CH2M
	04/16/2014	2.8	2.7	NA	CH2M
	07/22/2014	3.2	2.8	NA	CH2M
	09/04/2014	2.4	2.4	NA	CH2M
	10/09/2014	2.7	2.9	NA	CH2M
	01/19/2015	2.8	2.8	NA	CH2M
	04/06/2015	2.9	2.8	NA	CH2M
	07/08/2015	3.1	2.8	NA	CH2M
	07/08/2015*	3.1	2.8	NA	CH2M
	10/15/2015	2.7	2.7	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-105S	01/05/2016	2.9	2.8	NA	Arcadis
	04/07/2016	2.9	2.8	NA	Arcadis
	07/11/2016	3.2	2.9	NA	Arcadis
	09/12/2016	3.1	2.7	NA	Arcadis
	10/05/2016	3.6	2.7	NA	Arcadis
	10/05/2016*	3.3	2.7	NA	Arcadis
	01/03/2017	3.3	2.9	NA	Arcadis
	03/07/2017	3.1	2.5	NA	Arcadis
	04/06/2017	3.0	2.9	NA	Arcadis
	07/12/2017	3.1	2.8	NA	Arcadis
	10/09/2017	2.7	3.1	NA	Arcadis
	01/10/2018	2.9	2.9	NA	Arcadis
	01/10/2018*	3.0	2.9	NA	Arcadis
	04/06/2018	3.5	2.8	NA	Arcadis
	06/06/2018	3.4	2.7	NA	Arcadis
	07/16/2018	2.9	2.8	NA	Arcadis
	10/01/2018	3.0	2.8	NA	Arcadis
	01/07/2019	3.5	2.7	NA	Arcadis
	03/04/2019	2.5	2.4	NA	Arcadis
	04/03/2019	2.6	2.6	NA	Arcadis
	07/09/2019	3.2	3.0	NA	Arcadis
	09/03/2019	3.3	3.0	NA	Arcadis
	10/10/2019	3.7	2.8	NA	Arcadis
	10/10/2019*	3.5	2.8	NA	Arcadis
	01/07/2020	3.2	2.6	NA	Arcadis
	04/06/2020	4.2	3.1	NA	Arcadis
	04/06/2020*	3.5	3.1	NA	Arcadis
	07/06/2020	3.8	2.7	NA	Arcadis
	08/31/2020	4.2	2.9	NA	Arcadis
	10/06/2020	3.3	3.0	NA	Arcadis
	02/03/2021	3.3	2.7	NA	Arcadis
	04/05/2021	4.0	2.5	NA	Arcadis
	04/05/2021*	3.9	2.5	NA	Arcadis
	06/03/2021	3.4	2.7	NA	Arcadis
No. of Samples:	58				
MW-106D	06/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2011	ND (1.0)	0.65	NA	CH2M
	10/25/2011	ND (1.0)	0.55	NA	CH2M
	02/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/27/2012	ND (1.0)	0.28	NA	CH2M
	07/19/2012	ND (1.0)	0.21	NA	CH2M
	10/04/2012	ND (1.0)	0.11	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	0.37	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-106D	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.22	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/24/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	0.3	NA	CH2M
	01/14/2015	ND (1.0)	0.072	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	0.23	NA	CH2M
	10/08/2015	ND (1.0)	0.066	NA	Arcadis
	01/04/2016	1.2	ND (0.06)	NA	Arcadis
	04/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/06/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/08/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/08/2016*	ND (1.0)	0.2	NA	Arcadis
	10/11/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/12/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	02/07/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		40			
MW-106S	06/07/2011	3.1	3.2	NA	CH2M
	08/03/2011	ND (1.0)	0.76	NA	CH2M
	08/11/2011	ND (1.0)	1.6	NA	CH2M
	09/13/2011	1.6	1.4	NA	CH2M
	10/25/2011	1.9	1.9	NA	CH2M
	11/14/2011	1.7	1.7	NA	CH2M
	11/14/2011*	1.7	1.7	NA	CH2M
	02/02/2012	1.8	1.9	NA	CH2M
	04/19/2012	2.4	2.2	NA	CH2M
	07/26/2012	2.8	2.5	NA	CH2M
	10/09/2012	2.7	2.5	NA	CH2M
	01/21/2013	2.9	2.8	NA	CH2M
	04/11/2013	2.7	2.8	NA	CH2M
	07/16/2013	3.2	2.6	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-106S	10/11/2013	2.6	2.6	NA	CH2M
	01/20/2014	2.7	2.9	NA	CH2M
	04/16/2014	3.2	3.0	NA	CH2M
	07/24/2014	3.3	2.9	NA	CH2M
	09/04/2014	2.8	3.1	NA	CH2M
	10/08/2014	2.9	3.2	NA	CH2M
	01/14/2015	2.8	3.1	NA	CH2M
	04/06/2015	3.1	3.1	NA	CH2M
	07/09/2015	3.2	3.1	NA	CH2M
	07/09/2015*	3.1	3.0	NA	CH2M
	10/08/2015	3.3	3.0	NA	Arcadis
	01/04/2016	3.1	2.9	NA	Arcadis
	04/06/2016	3.1	3.0	NA	Arcadis
	07/08/2016	3.5	3.1	NA	Arcadis
	10/11/2016	3.4	3.1	NA	Arcadis
	10/11/2016*	3.5	3.1	NA	Arcadis
	01/04/2017	3.5	3.1	NA	Arcadis
	01/04/2017*	3.2	3.1	NA	Arcadis
	04/05/2017	2.8	2.7	NA	Arcadis
	04/05/2017*	2.6	2.7	NA	Arcadis
	07/12/2017	2.8	3.0	NA	Arcadis
	10/05/2017	3.7	3.0	NA	Arcadis
	11/30/2017	3.2	3.1	NA	Arcadis
	02/07/2018	3.0	3.2	NA	Arcadis
	02/07/2018*	3.1	3.2	NA	Arcadis
	04/05/2018	3.0	3.0	NA	Arcadis
	04/05/2018*	3.0	3.0	NA	Arcadis
	07/10/2018	2.9	2.9	NA	Arcadis
	10/10/2018	3.1	2.9	NA	Arcadis
	10/10/2018*	3.2	2.9	NA	Arcadis
	04/03/2019	3.1	3.0	NA	Arcadis
	04/03/2019*	3.2	3.0	NA	Arcadis
	10/14/2019	3.1	3.0	NA	Arcadis
	10/14/2019*	3.4	3.0	NA	Arcadis
	04/06/2020	2.8	2.7	NA	Arcadis
	04/06/2020*	2.8	2.7	NA	Arcadis
	10/08/2020	3.7	3.1	NA	Arcadis
	10/08/2020*	3.7	3.0	NA	Arcadis
	04/07/2021	3.3	3.0	NA	Arcadis
	04/07/2021*	3.3	3.1	NA	Arcadis
No. of Samples: 54					
MW-107D	06/16/2011	ND (1.0)	0.22	NA	CH2M
	08/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2011	ND (1.0)	0.57	NA	CH2M
	02/02/2012	ND (1.0)	0.13	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-107D	04/23/2012	ND (1.0)	0.23	NA	CH2M
	07/19/2012	ND (1.0)	0.39	NA	CH2M
	10/08/2012	ND (1.0)	0.51	NA	CH2M
	01/30/2013	ND (1.0)	0.45	NA	CH2M
	04/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0 J)	1.8 J	NA	CH2M
	07/31/2013	ND (1.0)	0.58	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.86	NA	CH2M
	07/22/2014	ND (1.0)	0.56	NA	CH2M
	10/09/2014	ND (1.0)	1.0	NA	CH2M
	01/19/2015	ND (1.0 J)	1.9 J	NA	CH2M
	04/06/2015	ND (1.0)	0.8	NA	CH2M
	04/06/2015*	ND (1.0)	0.79	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2015	ND (1.0)	1.6	NA	Arcadis
	04/07/2016	ND (1.0)	0.87	NA	Arcadis
	10/04/2016	ND (1.0)	0.24	NA	Arcadis
	10/09/2017	2.2 J	ND (0.2)	NA	Arcadis
	10/09/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	11/30/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/01/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/06/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 29					
MW-107S	06/16/2011	1.8	1.0	NA	CH2M
	08/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2011	1.2	0.83	NA	CH2M
	09/14/2011	ND (1.0)	0.9	NA	CH2M
	09/14/2011*	1.1	0.87	NA	CH2M
	10/25/2011	1.1	0.99	NA	CH2M
	11/14/2011	1.4	0.94	NA	CH2M
	02/02/2012	1.2	0.85	NA	CH2M
	04/19/2012	1.3	0.79	NA	CH2M
	07/31/2012	1.1	0.38	NA	CH2M
	10/09/2012	2.0	1.9	NA	CH2M
	01/25/2013	2.1	1.8	NA	CH2M
	04/17/2013	1.1	0.58	NA	CH2M
	07/16/2013	1.2	0.94	NA	CH2M
	10/10/2013	1.1	1.0	NA	CH2M
	01/14/2014	1.8	1.0	NA	CH2M
	04/16/2014	2.1	2.1	NA	CH2M
	04/16/2014*	2.2	2.2	NA	CH2M
	07/22/2014	2.5	2.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-107S	10/09/2014	2.3	2.3	NA	CH2M
	01/19/2015	2.4	2.3	NA	CH2M
	04/06/2015	2.5	2.4	NA	CH2M
	07/08/2015	2.4	2.3	NA	CH2M
	10/15/2015	2.3	2.5	NA	Arcadis
	01/04/2016	2.9	2.4	NA	Arcadis
	04/07/2016	2.6	2.4	NA	Arcadis
	07/11/2016	2.6	2.4	NA	Arcadis
	10/04/2016	2.8	2.4	NA	Arcadis
	04/19/2017	2.8	2.6	NA	Arcadis
	10/09/2017	2.7	2.5	NA	Arcadis
	05/01/2018	2.6	2.5	NA	Arcadis
	10/01/2018	8.0	2.1	NA	Arcadis
	11/29/2018	1.9	1.6	NA	Arcadis
	04/03/2019	2.4	1.8	NA	Arcadis
	10/11/2019	1.1	0.58	NA	Arcadis
	04/07/2020	2.8	2.4	NA	Arcadis
	10/06/2020	3.6	1.9	NA	Arcadis
	12/03/2020	2.2	1.5	NA	Arcadis
	04/14/2021	2.8	2.6	NA	Arcadis
No. of Samples:		39			
MW-108D	08/03/2011	35.9	33.1	NA	CH2M
	10/25/2011	41.2	42.7	NA	CH2M
	10/25/2011*	40.5	40.2	NA	CH2M
	02/02/2012	46.8	45	NA	CH2M
	04/13/2012	40.8	40.2	NA	CH2M
	07/25/2012	37.2	40.5	NA	CH2M
	07/25/2012*	37.6	40.4	NA	CH2M
	10/09/2012	42.6	45	NA	CH2M
	10/09/2012*	43.8	44.7	NA	CH2M
	01/21/2013	44.3	45.7	NA	CH2M
	04/09/2013	39.1	41.5	NA	CH2M
	07/11/2013	49.2	46.3	NA	CH2M
	10/09/2013	41.5	44.3	NA	CH2M
	01/15/2014	46.4	41.4	NA	CH2M
	01/15/2014*	45.7	41.1	NA	CH2M
	04/17/2014	42	43	NA	CH2M
	07/23/2014	35	35	NA	CH2M
	10/16/2014	31	35	NA	CH2M
	01/15/2015	35	38	NA	CH2M
	04/09/2015	38	35	NA	CH2M
	07/14/2015	30	31	NA	CH2M
	10/21/2015	31	35	NA	Arcadis
	02/02/2017	13	13	NA	Arcadis
	06/05/2017	13	14	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-108D	07/19/2017	13	13	NA	Arcadis
	10/13/2017	8.4	8.2	NA	Arcadis
	04/12/2018	6.2	6.3	NA	Arcadis
	10/08/2018	5.8	5.3	NA	Arcadis
	01/09/2019	6.5	5.4	NA	Arcadis
	04/10/2019	6.5	5.6	NA	Arcadis
	07/10/2019	6.3	6.7	NA	Arcadis
	10/18/2019	4.4	3.4	NA	Arcadis
	10/18/2019*	4.4	3.3	NA	Arcadis
	12/03/2019	3.7	3.5	NA	Arcadis
	01/16/2020	3.5	3.2	NA	Arcadis
	04/13/2020	2.9	2.6	NA	Arcadis
	07/10/2020	4.4	3.4	NA	Arcadis
	09/03/2020	7.2	6.9	NA	Arcadis
	10/15/2020	8.1	7.3	NA	Arcadis
	01/20/2021	2.5	1.8	NA	Arcadis
	04/13/2021	2.9	2.2	NA	Arcadis
No. of Samples: 41					
MW-108S	08/03/2011	17.1	15.7	NA	CH2M
	10/25/2011	27.7	25.7	NA	CH2M
	02/02/2012	31.2	29.2	NA	CH2M
	04/13/2012	35.7	33.6	NA	CH2M
	07/25/2012	35.2	35.3	NA	CH2M
	10/09/2012	38	39.2	NA	CH2M
	01/21/2013	38.2	39	NA	CH2M
	04/09/2013	34	36.2	NA	CH2M
	07/11/2013	38.8	37.4	NA	CH2M
	10/09/2013	31.1	33.3	NA	CH2M
	01/15/2014	39	36.3	NA	CH2M
	04/17/2014	38	39	NA	CH2M
	07/23/2014	39	41	NA	CH2M
	10/16/2014	40	42	NA	CH2M
	01/15/2015	38	42	NA	CH2M
	04/09/2015	46	42	NA	CH2M
	07/14/2015	44	43	NA	CH2M
	10/22/2015	37	41	NA	Arcadis
	01/06/2016	43	40	NA	Arcadis
	01/06/2016*	43	39	NA	Arcadis
	04/11/2016	39	42	NA	Arcadis
No. of Samples: 21					
MW-109	08/03/2011	2.3	2.2	NA	CH2M
	10/25/2011	6.3	5.8	NA	CH2M
	02/02/2012	21.2	20.7	NA	CH2M
	04/19/2012	18.8	17.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-109	07/25/2012	14.1	15	NA	CH2M
	10/09/2012	15.5	15	NA	CH2M
	01/17/2013	18.8	20.1	NA	CH2M
	04/09/2013	17.5	16.8	NA	CH2M
	07/11/2013	11.2	9.6	NA	CH2M
	07/11/2013*	10.7	9.5	NA	CH2M
	10/09/2013	8.0	8.4	NA	CH2M
	01/15/2014	24.6	22.5	NA	CH2M
	04/17/2014	17	17	NA	CH2M
	07/23/2014	12	13	NA	CH2M
	10/16/2014	18	20	NA	CH2M
	01/15/2015	24	26	NA	CH2M
	01/15/2015*	22	26	NA	CH2M
	04/09/2015	22	21	NA	CH2M
	07/22/2015	10	11	NA	CH2M
	10/21/2015	10	11	NA	Arcadis
	01/06/2016	14 J	13	NA	Arcadis
	04/11/2016	13	13	NA	Arcadis
	07/20/2016	6.6	6.1	NA	Arcadis
	10/31/2016	9.9	9.4	NA	Arcadis
	01/05/2017	14	13	NA	Arcadis
	04/12/2017	11	11	NA	Arcadis
	07/19/2017	6.9	7.8	NA	Arcadis
	10/17/2017	7.9	8.5	NA	Arcadis
	01/11/2018	8.9	8.8	NA	Arcadis
	04/12/2018	6.1	6.1	NA	Arcadis
	07/12/2018	7.1	7.0	NA	Arcadis
	10/08/2018	6.1	5.9	NA	Arcadis
	01/09/2019	4.3	3.5	NA	Arcadis
	04/10/2019	5.2	4.9	NA	Arcadis
	07/10/2019	5.0	5.1	NA	Arcadis
	10/24/2019	27	2.6	NA	Arcadis
	12/03/2019	4.7	4.5	NA	Arcadis
	01/13/2020	5.8	4.4	NA	Arcadis
	03/04/2020	3.7	4.1	NA	Arcadis
	04/13/2020	4.7	5.0	NA	Arcadis
	07/10/2020	4.3	3.7	NA	Arcadis
	10/15/2020	3.1	2.8	NA	Arcadis
	04/13/2021	3.0	3.1	NA	Arcadis
No. of Samples:		43			
MW-110D	07/11/2011	1.3	1.6	NA	CH2M
	10/25/2011	2.1	1.8	NA	CH2M
	02/02/2012	2.0	1.6	NA	CH2M
	04/24/2012	2.0	1.6	NA	CH2M
	04/24/2012*	1.7	1.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-110D	07/25/2012	1.6	1.5	NA	CH2M
	10/09/2012	1.5	1.6	NA	CH2M
	01/18/2013	1.6	1.5	NA	CH2M
	04/15/2013	1.8	1.4	NA	CH2M
	07/12/2013	1.6	1.3	NA	CH2M
	10/16/2013	1.8	1.2	NA	CH2M
	10/16/2013*	1.6	1.2	NA	CH2M
	01/21/2014	1.6	1.4	NA	CH2M
	04/15/2014	1.7	1.6	NA	CH2M
	07/21/2014	1.6	1.4	NA	CH2M
	10/09/2014	1.5	1.5	NA	CH2M
	01/21/2015	1.8	1.6	NA	CH2M
	04/07/2015	1.6	1.6	NA	CH2M
	07/13/2015	1.3	1.6	NA	CH2M
	10/13/2015	1.7	1.4	NA	Arcadis
	01/06/2016	1.8	1.5	NA	Arcadis
	04/15/2016	1.7	1.6	NA	Arcadis
	07/13/2016	1.8	1.6	NA	Arcadis
	10/18/2016	2.9	1.1	NA	Arcadis
	12/07/2016	1.6	1.2	NA	Arcadis
	01/05/2017	1.9	1.5	NA	Arcadis
	04/12/2017	1.8	1.4	NA	Arcadis
	07/20/2017	1.6	1.5	NA	Arcadis
	10/11/2017	1.4	1.3	NA	Arcadis
	01/11/2018	1.8	1.5	NA	Arcadis
	04/13/2021	1.9	1.4	NA	Arcadis
	04/13/2021*	2.0	1.4	NA	Arcadis
No. of Samples: 32					
MW-110S	07/11/2011	8.2	7.6	NA	CH2M
	08/11/2011	6.5	7.4	NA	CH2M
	09/16/2011	4.8	4.7	NA	CH2M
	10/25/2011	4.0	3.8	NA	CH2M
	11/15/2011	4.8	4.2	NA	CH2M
	02/02/2012	3.5	3.1	NA	CH2M
	02/02/2012*	3.2	3.1	NA	CH2M
	04/24/2012	3.1	2.9	NA	CH2M
	07/25/2012	4.0	3.7	NA	CH2M
	10/09/2012	4.3	4.0	NA	CH2M
	01/18/2013	3.9	3.4	NA	CH2M
	04/15/2013	4.8	4.3	NA	CH2M
	07/12/2013	4.4	3.9	NA	CH2M
	10/16/2013	4.8	4.4	NA	CH2M
	01/21/2014	4.4	4.1	NA	CH2M
	04/15/2014	4.3	4.0	NA	CH2M
	04/15/2014*	4.2	4.0	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-110S	07/21/2014	4.5	3.9	NA	CH2M
	10/09/2014	4.2	4.1	NA	CH2M
	01/21/2015	4.7	4.3	NA	CH2M
	04/07/2015	5.2	4.6	NA	CH2M
	07/13/2015	3.7	4.0	NA	CH2M
	10/13/2015	4.8	4.6	NA	Arcadis
	01/06/2016	6.2	4.1	NA	Arcadis
	04/15/2016	4.2	4.4	NA	Arcadis
	07/13/2016	4.4	4.1	NA	Arcadis
	10/18/2016	4.3	4.0	NA	Arcadis
	02/02/2017	4.2	4.2	NA	Arcadis
	04/12/2017	4.8	3.8	NA	Arcadis
	06/07/2017	4.3	4.5	NA	Arcadis
	07/20/2017	4.4	4.6	NA	Arcadis
	10/11/2017	3.8	3.8	NA	Arcadis
	01/11/2018	5.6	4.3	NA	Arcadis
	03/05/2018	3.4	3.7	NA	Arcadis
	04/18/2018	4.0	4.0	NA	Arcadis
	10/19/2018	4.9	4.9	NA	Arcadis
	04/08/2019	4.9	4.9	NA	Arcadis
	10/21/2019	3.4	1.9	NA	Arcadis
	12/04/2019	5.4	5.0	NA	Arcadis
	05/06/2020	2.3	2.2	NA	Arcadis
	10/13/2020	3.3	3.1	NA	Arcadis
	12/03/2020	9.4	4.0	NA	Arcadis
	04/13/2021	3.4	3.0	NA	Arcadis
	06/03/2021	3.2	3.0	NA	Arcadis
No. of Samples:		44			
MW-111D	07/05/2011	4.7	0.45	NA	CH2M
	08/12/2011	ND (1.0)	0.6	NA	CH2M
	09/13/2011	2.0	0.67	NA	CH2M
	10/25/2011	ND (1.0)	0.43	NA	CH2M
	11/15/2011	ND (1.0)	0.24	NA	CH2M
	02/01/2012	ND (1.0)	0.12	NA	CH2M
	04/23/2012	ND (1.0)	0.28	NA	CH2M
	07/19/2012	ND (1.0)	0.094	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	0.66	NA	CH2M
	10/14/2013	ND (1.0)	0.061	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.14)	NA	CH2M
	07/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	ND (0.093)	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-111D	10/08/2014*	ND (1.0)	ND (0.085)	NA	CH2M
	01/15/2015	ND (1.0)	0.34	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.32)	NA	CH2M
	07/09/2015	3.2	0.098	NA	CH2M
	09/01/2015	ND (1.0)	0.33	NA	CH2M
	10/09/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/09/2015*	1.1	ND (0.06)	NA	Arcadis
	10/11/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		31			
MW-111S1	07/06/2011	3.1	2.5	NA	CH2M
	08/12/2011	2.8	3.0	NA	CH2M
	09/14/2011	3.4	3.6	NA	CH2M
	10/25/2011	3.7	3.4	NA	CH2M
	11/15/2011	4.4	3.1	NA	CH2M
	02/01/2012	3.3	3.1	NA	CH2M
	02/01/2012*	3.3	3.1	NA	CH2M
	04/27/2012	3.3	3.1	NA	CH2M
	07/25/2012	2.6	2.5	NA	CH2M
	10/10/2012	2.7	2.7	NA	CH2M
	01/21/2013	2.8	2.7	NA	CH2M
	04/10/2013	3.0	2.6	NA	CH2M
	04/10/2013*	3.0	2.5	NA	CH2M
	07/16/2013	3.1	2.4	NA	CH2M
	10/14/2013	2.5	2.4	NA	CH2M
	01/20/2014	2.6	2.5	NA	CH2M
	04/17/2014	2.7	2.7	NA	CH2M
	07/22/2014	2.7	2.4	NA	CH2M
	10/08/2014	2.8	2.6	NA	CH2M
	01/15/2015	2.7	2.7	NA	CH2M
	04/06/2015	2.6	2.5	NA	CH2M
	07/09/2015	2.8	2.6	NA	CH2M
	07/09/2015*	2.7	2.6	NA	CH2M
	10/09/2015	2.5	2.5	NA	Arcadis
	01/04/2016	3.2	2.3	NA	Arcadis
	04/06/2016	2.6	2.3	NA	Arcadis
	04/06/2016*	2.4	2.3	NA	Arcadis
	07/11/2016	2.6	2.4	NA	Arcadis
	07/11/2016*	2.5	2.4	NA	Arcadis
	10/11/2016	2.5	2.4	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-111S1	10/11/2016*	2.5	2.4	NA	Arcadis
	04/05/2017	2.3	2.2	NA	Arcadis
	04/05/2017*	2.3	2.2	NA	Arcadis
	10/18/2017	2.5	2.4	NA	Arcadis
	10/18/2017*	2.4	2.4	NA	Arcadis
	10/10/2018	2.8	2.4	NA	Arcadis
	04/03/2019	2.7	2.5	NA	Arcadis
	10/10/2019	2.4	2.3	NA	Arcadis
	10/08/2020	3.4	2.3	NA	Arcadis
	10/08/2020*	3.5	2.3	NA	Arcadis
	12/01/2020	3.1	2.4	NA	Arcadis
	04/05/2021	3.2	2.5	NA	Arcadis
No. of Samples: 42					
MW-111S2	07/06/2011	3.2	3.2	NA	CH2M
	08/12/2011	3.5	3.7	NA	CH2M
	09/14/2011	3.5	3.6	NA	CH2M
	10/25/2011	2.6	2.5	NA	CH2M
	11/15/2011	1.9	1.7	NA	CH2M
	02/01/2012	1.6	1.6	NA	CH2M
	04/27/2012	2.4	2.2	NA	CH2M
	07/25/2012	2.8	2.6	NA	CH2M
	10/10/2012	2.9	2.2	NA	CH2M
	01/21/2013	2.6	2.5	NA	CH2M
	01/21/2013*	2.4	2.5	NA	CH2M
	04/10/2013	2.5	2.3	NA	CH2M
	07/16/2013	2.5	2.1	NA	CH2M
	10/14/2013	2.2	2.2	NA	CH2M
	01/20/2014	2.4	2.4	NA	CH2M
	04/16/2014	2.6	2.6	NA	CH2M
	07/22/2014	2.4	2.1	NA	CH2M
	07/22/2014*	2.4	2.0	NA	CH2M
	10/08/2014	2.5	2.6	NA	CH2M
	01/15/2015	2.3	2.6	NA	CH2M
	04/06/2015	2.6	2.6	NA	CH2M
	07/09/2015	2.4	2.6	NA	CH2M
	10/09/2015	2.8	2.4	NA	Arcadis
	04/06/2016	2.5	2.4	NA	Arcadis
	10/11/2016	2.6	2.3	NA	Arcadis
	10/18/2017	2.5	2.5	NA	Arcadis
	04/06/2018	2.4	2.4	NA	Arcadis
	10/10/2018	2.0	1.9	NA	Arcadis
	10/10/2018*	2.1	1.9	NA	Arcadis
	10/10/2019	2.3	2.4	NA	Arcadis
	10/10/2019*	2.2	2.4	NA	Arcadis
	04/15/2020	2.7	2.1	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-111S2	04/15/2020*	2.8	2.1	NA	Arcadis
	10/08/2020	3.3	2.4	NA	Arcadis
	10/08/2020*	3.5	2.2	NA	Arcadis
	12/01/2020	2.3	2.2	NA	Arcadis
No. of Samples: 36					
MW-112D	07/06/2011	2.2	2.1	NA	CH2M
	07/06/2011*	2.5	2.1	NA	CH2M
	10/25/2011	2.6	2.6	NA	CH2M
	02/02/2012	2.6	2.4	NA	CH2M
	04/20/2012	3.0	2.5	NA	CH2M
	07/25/2012	2.4	2.4	NA	CH2M
	10/08/2012	3.0	2.5	NA	CH2M
	02/01/2013	2.9	2.7	NA	CH2M
	04/03/2013	2.9	2.6	NA	CH2M
	07/16/2013	2.8	2.3	NA	CH2M
	10/07/2013	2.8	2.8	NA	CH2M
	10/07/2013*	2.9	2.8	NA	CH2M
	01/08/2014	2.9	2.8	NA	CH2M
	04/15/2014	3.0	2.8	NA	CH2M
	07/24/2014	3.8	2.7	NA	CH2M
	10/09/2014	2.8	2.6	NA	CH2M
	01/15/2015	2.5	2.7	NA	CH2M
	04/07/2015	2.8	2.7	NA	CH2M
	04/07/2015*	2.8	2.8	NA	CH2M
	07/09/2015	2.7	2.7	NA	CH2M
	10/12/2015	2.9	2.7	NA	Arcadis
	04/12/2021	2.4	2.5	NA	Arcadis
No. of Samples: 22					
MW-112S	07/06/2011	3.6	3.0	NA	CH2M
	08/12/2011	2.8	3.0	NA	CH2M
	09/14/2011	3.2	3.2	NA	CH2M
	10/25/2011	3.6	3.4	NA	CH2M
	11/15/2011	3.6	3.1	NA	CH2M
	02/01/2012	3.5	3.3	NA	CH2M
	04/20/2012	3.5	3.2	NA	CH2M
	07/25/2012	3.2	2.8	NA	CH2M
	10/10/2012	3.0	2.8	NA	CH2M
	02/01/2013	3.5	3.0	NA	CH2M
	04/17/2013	3.1	3.0	NA	CH2M
	07/16/2013	1.4	0.93	NA	CH2M
	10/15/2013	3.0	2.8	NA	CH2M
	01/15/2014	3.7	2.8	NA	CH2M
	04/16/2014	3.4	3.3	NA	CH2M
	07/24/2014	3.5	2.9	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-112S	10/09/2014	3.2	3.0	NA	CH2M
	01/15/2015	3.2	3.3	NA	CH2M
	04/07/2015	3.2	3.0	NA	CH2M
	07/09/2015	3.7	3.2	NA	CH2M
	10/12/2015	3.5	3.2	NA	Arcadis
	01/05/2016	3.4	3.1	NA	Arcadis
	04/07/2016	3.1	3.2	NA	Arcadis
	07/13/2016	3.1	3.1	NA	Arcadis
	10/07/2016	3.3	3.2	NA	Arcadis
	04/18/2017	3.4	3.0	NA	Arcadis
	10/10/2017	2.3	2.2	NA	Arcadis
	04/09/2018	3.4	3.2	NA	Arcadis
	10/16/2018	3.1	2.8	NA	Arcadis
	04/03/2019	3.7	3.3	NA	Arcadis
	10/11/2019	4.2	3.0	NA	Arcadis
	12/03/2019	3.4	3.3	NA	Arcadis
	04/07/2020	3.4	3.0	NA	Arcadis
	10/13/2020	3.8	3.1	NA	Arcadis
	12/03/2020	3.4	3.2	NA	Arcadis
	04/12/2021	3.4	3.3	NA	Arcadis
No. of Samples:		36			
MW-113D	07/05/2011	ND (1.0)	0.49	NA	CH2M
	10/25/2011	ND (1.0)	0.94	NA	CH2M
	02/01/2012	ND (1.0)	0.082	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.076)	NA	CH2M
	07/19/2012	ND (1.0)	0.1	NA	CH2M
	10/05/2012	ND (1.0)	0.07	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	0.44	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.5	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2015	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	ND (0.066)	NA	CH2M
	10/08/2015	ND (1.0)	0.36	NA	Arcadis
	10/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2020	ND (1.0)	ND (0.2)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 24					
MW-113S1	07/05/2011	1.7	2.0	NA	CH2M
	08/11/2011	2.3	2.6	NA	CH2M
	09/15/2011	2.6	2.5	NA	CH2M
	10/25/2011	2.1	2.0	NA	CH2M
	11/15/2011	2.8	2.3	NA	CH2M
	02/01/2012	4.6	2.8	NA	CH2M
	03/14/2012	3.1	2.8	NA	CH2M
	04/20/2012	3.2	2.9	NA	CH2M
	07/26/2012	3.2	2.9	NA	CH2M
	10/05/2012	3.0	3.0	NA	CH2M
	01/21/2013	2.8	2.8	NA	CH2M
	04/11/2013	2.6	2.8	NA	CH2M
	07/09/2013	2.8	3.0	NA	CH2M
	07/09/2013*	2.7	3.1	NA	CH2M
	10/08/2013	2.9	2.9	NA	CH2M
	01/20/2014	2.4	2.4	NA	CH2M
	04/16/2014	3.0	3.0	NA	CH2M
	07/24/2014	3.2	2.9	NA	CH2M
	10/08/2014	2.9	3.1	NA	CH2M
	01/12/2015	3.8	3.2	NA	CH2M
	04/06/2015	3.1	3.0	NA	CH2M
	07/09/2015	3.1	2.9	NA	CH2M
	07/09/2015*	3.3	3.0	NA	CH2M
	10/08/2015	3.1	2.7	NA	Arcadis
	04/06/2016	3.1	2.9	NA	Arcadis
	10/12/2016	2.9	2.9	NA	Arcadis
	10/18/2017	3.3	2.9	NA	Arcadis
	04/05/2018	2.7	2.0	NA	Arcadis
	04/05/2018*	2.6	2.0	NA	Arcadis
	10/19/2018	3.0	3.1	NA	Arcadis
	04/03/2019	2.4	2.9	NA	Arcadis
	10/09/2019	3.4	2.9	NA	Arcadis
	12/03/2019	2.8	3.1	NA	Arcadis
	04/07/2020	3.0	2.9	NA	Arcadis
	10/07/2020	3.9	2.9	NA	Arcadis
	12/03/2020	3.1	2.7	NA	Arcadis
	04/05/2021	2.6	2.2	NA	Arcadis
No. of Samples: 37					
MW-113S2	07/05/2011	2.9	3.3	NA	CH2M
	08/11/2011	3.4	3.8	NA	CH2M
	09/15/2011	3.8	4.0	NA	CH2M
	10/25/2011	3.7	3.6	NA	CH2M
	10/25/2011*	4.2	3.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-113S2	11/15/2011	3.7	3.2	NA	CH2M
	02/01/2012	3.9	3.4	NA	CH2M
	04/20/2012	3.7	3.3	NA	CH2M
	07/26/2012	3.6	3.3	NA	CH2M
	10/10/2012	3.2	3.2	NA	CH2M
	01/21/2013	3.1	3.0	NA	CH2M
	04/11/2013	2.8	3.0	NA	CH2M
	07/16/2013	3.4	2.8	NA	CH2M
	10/14/2013	2.9	2.7	NA	CH2M
	01/20/2014	2.8	2.7	NA	CH2M
	04/16/2014	3.2	3.1	NA	CH2M
	04/16/2014*	3.3	3.1	NA	CH2M
	07/24/2014	3.3	2.9	NA	CH2M
	10/08/2014	3.0	3.1	NA	CH2M
	01/12/2015	2.8	3.0	NA	CH2M
	04/06/2015	3.0	3.0	NA	CH2M
	07/09/2015	3.2	2.9	NA	CH2M
	10/08/2015	3.3	2.8	NA	Arcadis
	01/04/2016	3.0	3.0	NA	Arcadis
	04/06/2016	2.9	2.9	NA	Arcadis
	07/08/2016	2.9	2.9	NA	Arcadis
	10/12/2016	3.5	2.7	NA	Arcadis
	12/07/2016	2.6	2.5	NA	Arcadis
	04/13/2017	2.7	2.9	NA	Arcadis
	10/18/2017	3.5	2.7	NA	Arcadis
	10/19/2018	3.2	2.9	NA	Arcadis
	10/09/2019	2.8	2.6	NA	Arcadis
	10/07/2020	3.3	2.5	NA	Arcadis
	12/03/2020	2.7	2.4	NA	Arcadis
No. of Samples:		34			
MW-114D1	07/21/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	1.2	ND (0.2)	NA	CH2M
	02/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.13)	NA	CH2M
	10/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.15)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.092)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-114D1	01/21/2015	ND (1.0)	0.12	NA	CH2M
	04/07/2015	ND (1.0)	0.14	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.13)	NA	CH2M
	10/12/2015	ND (1.0)	0.075	NA	Arcadis
	04/14/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	20				
MW-114D2	07/21/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	02/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.064)	NA	CH2M
	10/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.074)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.14)	NA	CH2M
	01/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	0.084	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.12)	NA	CH2M
	10/12/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/14/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	19				
MW-114S	07/21/2011	1.2	ND (0.2)	NA	CH2M
	08/16/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/14/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/16/2011	ND (1.0)	ND (0.21)	NA	CH2M
	02/01/2012	ND (1.0)	0.093	NA	CH2M
	04/23/2012	ND (1.0)	0.066	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	0.067	NA	CH2M
	04/03/2013	ND (1.0)	0.074	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2013	ND (1.0)	ND (0.11)	NA	CH2M
	01/08/2014	ND (1.0)	0.33	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.13)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2014	ND (1.0)	ND (0.15)	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-114S	01/21/2015	ND (1.0)	0.14	NA	CH2M
	04/08/2015	ND (1.0)	0.21	NA	CH2M
	07/13/2015	ND (1.0)	0.23	NA	CH2M
	10/12/2015	ND (1.0)	0.1	NA	Arcadis
	04/14/2021	1.2	ND (0.2)	NA	Arcadis
No. of Samples: 23					
MW-115D	07/26/2011	ND (1.0)	0.73	NA	CH2M
	10/26/2011	4.4	4.6	NA	CH2M
	02/01/2012	4.2	4.3	NA	CH2M
	04/20/2012	4.1	3.7	NA	CH2M
	07/25/2012	3.7	3.6	NA	CH2M
	10/10/2012	4.0	4.0	NA	CH2M
	01/30/2013	4.4	4.1	NA	CH2M
	04/17/2013	3.8	3.8	NA	CH2M
	07/12/2013	3.8	3.6	NA	CH2M
	10/15/2013	3.4	3.6	NA	CH2M
	01/21/2014	3.8	3.8	NA	CH2M
	04/15/2014	4.0	4.0	NA	CH2M
	07/16/2014	3.7	3.7	NA	CH2M
	10/09/2014	3.6	3.4	NA	CH2M
	10/09/2014*	3.7	3.5	NA	CH2M
	01/21/2015	3.7	3.6	NA	CH2M
	04/08/2015	3.4	3.4	NA	CH2M
	07/10/2015	3.6	3.5	NA	CH2M
	10/12/2015	3.4	3.6	NA	Arcadis
	10/12/2015*	3.4	3.7	NA	Arcadis
	04/17/2017	3.7	3.6	NA	Arcadis
	07/20/2017	3.4	3.6	NA	Arcadis
	10/11/2017	4.0	3.7	NA	Arcadis
	01/11/2018	4.6	3.4	NA	Arcadis
	03/05/2018	3.7	3.8	NA	Arcadis
	04/14/2021	3.7	3.7	NA	Arcadis
No. of Samples: 26					
MW-115S	07/26/2011	4.1	4.1	NA	CH2M
	08/11/2011	4.1	4.8	NA	CH2M
	08/11/2011*	4.0	4.8	NA	CH2M
	09/14/2011	4.0	3.9	NA	CH2M
	10/26/2011	4.5	4.0	NA	CH2M
	11/16/2011	3.8	3.6	NA	CH2M
	02/01/2012	2.8	2.8	NA	CH2M
	04/20/2012	2.2	2.0	NA	CH2M
	04/20/2012*	2.4	2.1	NA	CH2M
	07/25/2012	1.9	1.5	NA	CH2M
	10/10/2012	ND (1.0)	0.82	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-115S	01/30/2013	1.6	1.4	NA	CH2M
	01/30/2013*	1.4	1.4	NA	CH2M
	04/17/2013	2.0	1.8	NA	CH2M
	07/12/2013	2.8	2.3	NA	CH2M
	10/15/2013	1.9	1.6	NA	CH2M
	10/15/2013*	1.8	1.6	NA	CH2M
	01/21/2014	1.8	1.6	NA	CH2M
	04/15/2014	2.0	1.9	NA	CH2M
	07/16/2014	2.4	2.1	NA	CH2M
	10/09/2014	2.3	2.3	NA	CH2M
	01/21/2015	2.3	2.1	NA	CH2M
	04/08/2015	2.0	1.9	NA	CH2M
	04/08/2015*	2.1	1.9	NA	CH2M
	07/10/2015	2.2	2.1	NA	CH2M
	10/12/2015	2.1	2.2	NA	Arcadis
	04/17/2017	2.0	2.0	NA	Arcadis
	07/20/2017	2.0	2.1	NA	Arcadis
	10/11/2017	2.1	2.1	NA	Arcadis
	01/11/2018	2.7	1.9	NA	Arcadis
	01/11/2018*	2.6	1.8	NA	Arcadis
	04/14/2021	1.7	1.5	NA	Arcadis
No. of Samples:		32			
MW-116D1	07/26/2011	1.4	1.1	NA	CH2M
	10/26/2011	1.7	1.5	NA	CH2M
	02/01/2012	1.4	1.5	NA	CH2M
	04/20/2012	2.2	1.5	NA	CH2M
	07/25/2012	2.3	1.4	NA	CH2M
	10/10/2012	1.6	1.6	NA	CH2M
	01/18/2013	1.6	1.6	NA	CH2M
	04/15/2013	2.3	1.6	NA	CH2M
	07/12/2013	1.9	1.5	NA	CH2M
	10/16/2013	2.2	1.6	NA	CH2M
	01/21/2014	1.7	1.6	NA	CH2M
	01/21/2014*	1.8	1.6	NA	CH2M
	04/15/2014	1.7	1.7	NA	CH2M
	07/21/2014	2.1	1.6	NA	CH2M
	10/09/2014	1.7	1.7	NA	CH2M
	01/21/2015	1.8	1.8	NA	CH2M
	04/08/2015	1.8	1.6	NA	CH2M
	07/13/2015	1.6	1.7	NA	CH2M
	10/13/2015	1.9	1.6	NA	Arcadis
	01/12/2016	3.4	1.6	NA	Arcadis
	03/01/2016	2.0	1.6	NA	Arcadis
	04/15/2016	1.7	1.7	NA	Arcadis
	07/13/2016	2.1	1.7	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-116D1	10/18/2016	2.0	1.6	NA	Arcadis
	04/12/2017	1.8	1.6	NA	Arcadis
	10/11/2017	2.0	1.8	NA	Arcadis
	04/18/2018	1.9	1.7	NA	Arcadis
	10/19/2018	2.1	1.8	NA	Arcadis
	04/08/2019	2.3	1.7	NA	Arcadis
	10/21/2019	2.0	1.8	NA	Arcadis
	04/13/2020	2.3	1.6	NA	Arcadis
	10/13/2020	2.5	1.9	NA	Arcadis
	04/12/2021	2.2	2.0	NA	Arcadis
No. of Samples:		33			
MW-116D2	07/26/2011	2.4	2.5	NA	CH2M
	10/26/2011	1.2	1.3	NA	CH2M
	02/01/2012	1.1	1.0	NA	CH2M
	04/20/2012	3.7	3.6	NA	CH2M
	06/06/2012	1.2	0.65	NA	CH2M
	07/25/2012	11.5 J	12 J	NA	CH2M
	09/11/2012	1.0	1.1	NA	CH2M
	10/10/2012	ND (1.0)	0.86	NA	CH2M
	01/18/2013	ND (1.0)	0.78	NA	CH2M
	04/15/2013	1.2	1.1	NA	CH2M
	04/15/2013*	1.2	1.1	NA	CH2M
	07/12/2013	ND (1.0)	0.83	NA	CH2M
	10/16/2013	1.6	0.96	NA	CH2M
	01/21/2014	1.0	0.94	NA	CH2M
	04/15/2014	1.2	1.1	NA	CH2M
	07/21/2014	1.5	1.4	NA	CH2M
	10/09/2014	1.2	1.2	NA	CH2M
	01/21/2015	1.3	1.3	NA	CH2M
	04/08/2015	1.4	1.3	NA	CH2M
	07/13/2015	1.4	1.7	NA	CH2M
	07/13/2015*	1.3	1.5	NA	CH2M
	10/13/2015	1.5	1.5	NA	Arcadis
	04/12/2021	1.1	0.93	NA	Arcadis
No. of Samples:		23			
MW-116S	08/15/2011	2.2	1.5	NA	CH2M
	09/14/2011	1.4	1.4	NA	CH2M
	09/14/2011*	2.0	1.4	NA	CH2M
	10/26/2011	1.5	1.4	NA	CH2M
	11/15/2011	1.3	1.2	NA	CH2M
	02/01/2012	1.2	1.2	NA	CH2M
	02/01/2012*	1.3	1.2	NA	CH2M
	04/20/2012	1.6	1.1	NA	CH2M
	07/25/2012	1.5	1.0	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-116S	10/10/2012	1.4	1.3	NA	CH2M
	01/18/2013	1.3	1.2	NA	CH2M
	04/15/2013	1.5	1.2	NA	CH2M
	07/12/2013	1.6	1.2	NA	CH2M
	10/16/2013	1.5	1.2	NA	CH2M
	01/21/2014	1.4	1.2	NA	CH2M
	04/15/2014	1.3	1.2	NA	CH2M
	07/21/2014	1.5	1.2	NA	CH2M
	10/09/2014	1.4	1.2	NA	CH2M
	01/21/2015	1.5	1.3	NA	CH2M
	04/08/2015	1.4	1.2	NA	CH2M
	07/13/2015	1.2	1.4	NA	CH2M
	10/13/2015	1.3	1.2	NA	Arcadis
	04/12/2021	1.6	1.4	NA	Arcadis
	04/12/2021*	1.5	1.4	NA	Arcadis
No. of Samples: 24					
MW-117D	08/01/2011	ND (1.0)	0.22	NA	CH2M
	08/01/2011*	1.0	0.24	NA	CH2M
	10/26/2011	ND (1.0)	1.3	NA	CH2M
	01/31/2012	ND (1.0)	0.11	NA	CH2M
	04/12/2012	ND (1.0)	0.17	NA	CH2M
	07/16/2012	ND (1.0)	0.079	NA	CH2M
	10/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	0.23	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	0.71	NA	CH2M
	10/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.099)	NA	CH2M
	07/24/2014	ND (1.0)	0.07	NA	CH2M
	07/24/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	0.36	NA	CH2M
	01/15/2015	ND (1.0)	0.32	NA	CH2M
	04/09/2015	ND (1.0)	0.43	NA	CH2M
	07/09/2015	7.2	0.11	NA	CH2M
	09/29/2015	ND (1.0)	0.078	NA	CH2M
	10/08/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/31/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/19/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 26					
MW-117S1	08/01/2011	ND (1.0)	0.42	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-117S1	08/16/2011	1.4	0.42	NA	CH2M
	09/15/2011	1.6	0.2	NA	CH2M
	10/26/2011	ND (1.0)	0.52	NA	CH2M
	11/16/2011	ND (1.0)	0.39	NA	CH2M
	02/01/2012	ND (1.0)	0.27	NA	CH2M
	04/25/2012	ND (1.0)	0.24	NA	CH2M
	07/17/2012	ND (1.0)	0.55	NA	CH2M
	10/04/2012	ND (1.0)	0.7	NA	CH2M
	01/31/2013	ND (1.0)	0.56	NA	CH2M
	04/03/2013	ND (1.0)	0.11	NA	CH2M
	07/16/2013	ND (1.0)	0.33	NA	CH2M
	10/15/2013	ND (1.0)	0.14	NA	CH2M
	01/16/2014	ND (1.0)	0.2	NA	CH2M
	04/15/2014	ND (1.0)	0.81	NA	CH2M
	07/24/2014	ND (1.0)	0.31	NA	CH2M
	10/08/2014	ND (1.0)	0.53	NA	CH2M
	01/15/2015	ND (1.0)	0.64	NA	CH2M
	04/09/2015	ND (1.0)	0.61	NA	CH2M
	07/09/2015	ND (1.0)	0.65	NA	CH2M
	10/08/2015	ND (1.0)	0.77	NA	Arcadis
	04/06/2016	5.0	0.73	NA	Arcadis
	05/31/2016	ND (1.0)	0.81	NA	Arcadis
	10/31/2016	ND (1.0)	0.65	NA	Arcadis
	10/18/2017	1.9	1.3	NA	Arcadis
	04/06/2018	1.9	1.6	NA	Arcadis
	10/08/2018	1.8	1.4	NA	Arcadis
	04/10/2019	ND (1.0)	0.55	NA	Arcadis
	10/10/2019	3.9	2.8	NA	Arcadis
	12/04/2019	3.8	3.6	NA	Arcadis
	02/03/2020	2.4	1.9	NA	Arcadis
	04/07/2020	1.6	1.5	NA	Arcadis
	07/17/2020	3.7	ND (3.4)	NA	Arcadis
	08/31/2020	4.8	2.9	NA	Arcadis
	10/19/2020	2.5	2.3	NA	Arcadis
	01/20/2021	2.3	2.0	NA	Arcadis
	04/08/2021	1.8	1.1	NA	Arcadis
No. of Samples:		37			
MW-117S2	08/01/2011	52.2	57.5	NA	CH2M
	08/05/2011	23.2	24.9	NA	CH2M
	08/08/2011	12.4	11	NA	CH2M
	08/08/2011*	12.4	10.9	NA	CH2M
	08/16/2011	9.9	9.8	NA	CH2M
	09/15/2011	9.1	8.7	NA	CH2M
	10/26/2011	4.4	4.4	NA	CH2M
	10/26/2011*	5.1	4.4	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-117S2	11/16/2011	2.6	2.7	NA	CH2M
	01/31/2012	1.2	1.2	NA	CH2M
	04/24/2012	1.4	1.0	NA	CH2M
	07/25/2012	1.2	1.0	NA	CH2M
	07/25/2012*	1.1	1.0	NA	CH2M
	10/10/2012	ND (1.0)	0.86	NA	CH2M
	10/10/2012*	1.0	0.86	NA	CH2M
	01/30/2013	1.1	0.9	NA	CH2M
	04/03/2013	1.0	0.78	NA	CH2M
	07/16/2013	1.0	0.81	NA	CH2M
	07/16/2013*	1.3	0.82	NA	CH2M
	10/15/2013	ND (1.0)	0.84	NA	CH2M
	01/16/2014	ND (1.0)	0.89	NA	CH2M
	04/15/2014	ND (1.0)	1.0	NA	CH2M
	07/24/2014	1.2	0.98	NA	CH2M
	10/08/2014	1.0	1.1	NA	CH2M
	01/15/2015	1.1	1.1	NA	CH2M
	01/15/2015*	1.3	1.1	NA	CH2M
	04/09/2015	1.1	1.1	NA	CH2M
	07/09/2015	1.2	1.2	NA	CH2M
	10/08/2015	1.3	1.2	NA	Arcadis
	01/07/2016	1.4	1.3	NA	Arcadis
	04/06/2016	1.5	1.1	NA	Arcadis
	07/12/2016	1.1	1.3	NA	Arcadis
	10/31/2016	1.2	1.2	NA	Arcadis
	04/20/2017	1.3	1.2	NA	Arcadis
	04/20/2017*	1.3	1.2	NA	Arcadis
	10/18/2017	1.3	1.2	NA	Arcadis
	10/08/2018	1.3	1.2	NA	Arcadis
	10/10/2019	1.1	1.4	NA	Arcadis
	04/07/2020	2.0	1.4	NA	Arcadis
	10/19/2020	2.7	1.5	NA	Arcadis
	12/03/2020	1.8	1.6	NA	Arcadis
No. of Samples:		41			
MW-118S	08/02/2011	1.3	1.4	NA	CH2M
	09/16/2011	2.5	1.7	NA	CH2M
	10/26/2011	2.2	2.0	NA	CH2M
	11/15/2011	2.2	1.7	NA	CH2M
	11/15/2011*	2.1	1.8	NA	CH2M
	01/31/2012	2.1	1.9	NA	CH2M
	04/24/2012	2.2	2.1	NA	CH2M
	07/25/2012	2.4	2.0	NA	CH2M
	10/10/2012	2.2	2.1	NA	CH2M
	01/23/2013	2.2	2.1	NA	CH2M
	04/10/2013	2.6	2.3	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-118S	07/16/2013	2.4	2.1	NA	CH2M
	10/15/2013	2.3	2.2	NA	CH2M
	01/16/2014	2.5	2.3	NA	CH2M
	04/15/2014	2.3	1.6 J	NA	CH2M
	04/15/2014*	2.3	2.2 J	NA	CH2M
	07/21/2014	2.5	2.2	NA	CH2M
	10/14/2014	2.3	2.3	NA	CH2M
	01/22/2015	2.4	2.4	NA	CH2M
	04/08/2015	2.6	2.2	NA	CH2M
	07/22/2015	2.0	2.3	NA	CH2M
	10/09/2015	2.7	2.8	NA	Arcadis
	01/12/2016	2.7	2.5	NA	Arcadis
	04/21/2016	2.3	2.3	NA	Arcadis
	07/14/2016	2.8	2.5	NA	Arcadis
	10/12/2016	2.7	2.4	NA	Arcadis
	01/05/2017	3.8	2.5	NA	Arcadis
	03/08/2017	3.4	2.7	NA	Arcadis
	04/12/2017	2.8	2.5	NA	Arcadis
	07/14/2017	2.9	2.6	NA	Arcadis
	10/11/2017	2.8	2.8	NA	Arcadis
	01/09/2018	2.7	2.4	NA	Arcadis
	04/11/2018	2.6	2.7	NA	Arcadis
	07/11/2018	2.8	2.5	NA	Arcadis
	07/11/2018*	2.7	2.5	NA	Arcadis
	10/12/2018	2.4	2.0	NA	Arcadis
	01/11/2019	2.6	2.0	NA	Arcadis
	04/05/2019	2.9	2.2	NA	Arcadis
	07/10/2019	3.3	2.7	NA	Arcadis
	09/03/2019	2.5	2.0	NA	Arcadis
	10/23/2019	2.5	2.1	NA	Arcadis
	02/03/2020	2.4	2.3	NA	Arcadis
	04/10/2020	2.9	2.7	NA	Arcadis
	07/17/2020	3.3	ND (3.0)	NA	Arcadis
	09/03/2020	3.1	2.7	NA	Arcadis
	10/14/2020	3.5	2.4	NA	Arcadis
	12/03/2020	2.4	2.3	NA	Arcadis
	01/21/2021	2.5	2.3	NA	Arcadis
	04/08/2021	2.7	2.3	NA	Arcadis
No. of Samples:		49			
MW-119D	07/26/2011	ND (1.0)	0.44	NA	CH2M
	10/26/2011	ND (1.0)	0.89	NA	CH2M
	01/31/2012	1.2	1.0	NA	CH2M
	04/24/2012	1.7	1.2	NA	CH2M
	04/24/2012*	1.4	1.1	NA	CH2M
	07/25/2012	1.4	1.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-119D	10/10/2012	1.4	1.2	NA	CH2M
	01/23/2013	1.2	1.1	NA	CH2M
	04/10/2013	1.5	1.1	NA	CH2M
	07/16/2013	1.8	1.2	NA	CH2M
	10/15/2013	1.4	1.3	NA	CH2M
	01/16/2014	1.4	1.3	NA	CH2M
	04/15/2014	1.6	1.5	NA	CH2M
	07/21/2014	1.9	1.3	NA	CH2M
	10/14/2014	1.6	1.5	NA	CH2M
	10/14/2014*	1.7	1.5	NA	CH2M
	01/22/2015	1.8	1.6	NA	CH2M
	04/08/2015	1.7	1.6	NA	CH2M
	07/22/2015	1.5	1.6	NA	CH2M
	10/09/2015	1.8	1.5	NA	Arcadis
	10/09/2015*	1.8	1.6	NA	Arcadis
	01/12/2016	2.4	1.7	NA	Arcadis
	04/21/2016	1.7	1.6	NA	Arcadis
	07/14/2016	1.8	1.7	NA	Arcadis
	10/12/2016	1.8	1.6	NA	Arcadis
	01/05/2017	2.0	1.5	NA	Arcadis
	04/12/2017	1.9	1.6	NA	Arcadis
	07/14/2017	2.1	1.6	NA	Arcadis
	10/11/2017	1.9	1.6	NA	Arcadis
	01/09/2018	2.0	1.6	NA	Arcadis
No. of Samples:		30			
MW-119S	07/26/2011	ND (1.0)	0.32	NA	CH2M
	08/16/2011	1.4	1.2	NA	CH2M
	09/16/2011	1.6	1.1	NA	CH2M
	10/26/2011	1.9	1.4	NA	CH2M
	11/16/2011	2.1	2.0	NA	CH2M
	01/31/2012	1.6	1.4	NA	CH2M
	04/24/2012	2.3	1.9	NA	CH2M
	07/25/2012	1.1	0.85	NA	CH2M
	10/10/2012	1.8	1.6	NA	CH2M
	01/23/2013	2.6	2.4	NA	CH2M
	04/03/2013	3.1	2.5	NA	CH2M
	04/03/2013*	3.0	2.6	NA	CH2M
	07/16/2013	1.8	1.4	NA	CH2M
	10/15/2013	2.3	1.9	NA	CH2M
	01/16/2014	2.9	2.7	NA	CH2M
	04/15/2014	2.8	2.5	NA	CH2M
	07/21/2014	2.5	2.3	NA	CH2M
	10/14/2014	3.0	2.9	NA	CH2M
	01/22/2015	2.5	2.5	NA	CH2M
	04/08/2015	3.0	2.9	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-119S	07/22/2015	3.4	3.2	NA	CH2M
	07/22/2015*	3.3	3.2	NA	CH2M
	09/02/2015	1.0	0.92	NA	CH2M
	10/09/2015	ND (1.0)	0.87	NA	Arcadis
	01/12/2016	2.6	2.2	NA	Arcadis
	04/21/2016	2.1	2.0	NA	Arcadis
	07/14/2016	ND (1.0)	0.96	NA	Arcadis
	10/12/2016	3.8	3.4	NA	Arcadis
	12/07/2016	3.6	3.4	NA	Arcadis
	01/05/2017	2.8	2.2	NA	Arcadis
	04/12/2017	2.4	1.7	NA	Arcadis
	07/14/2017	3.1	2.5	NA	Arcadis
	07/14/2017*	2.9	2.5	NA	Arcadis
	10/11/2017	3.2	3.2	NA	Arcadis
	11/29/2017	2.6	2.3	NA	Arcadis
	01/09/2018	4.0	3.2	NA	Arcadis
	03/06/2018	2.6	2.5	NA	Arcadis
No. of Samples: 37					
MW-121D	08/15/2011	2.2	1.7	NA	CH2M
	09/16/2011	1.4	1.4	NA	CH2M
	10/27/2011	1.9	2.0	NA	CH2M
	10/27/2011*	2.0	2.0	NA	CH2M
	01/31/2012	2.8	2.2	NA	CH2M
	04/26/2012	3.2	2.5	NA	CH2M
	06/27/2012	2.9	2.9	NA	CH2M
	07/10/2012	3.1	2.9	NA	CH2M
	10/08/2012	3.9	2.9	NA	CH2M
	10/08/2012*	3.7	2.9	NA	CH2M
	12/07/2012	3.3	3.1	NA	CH2M
	01/25/2013	3.1	3.3	NA	CH2M
	04/11/2013	3.6	3.3	NA	CH2M
	07/16/2013	3.8	3.3	NA	CH2M
	10/17/2013	3.7	3.3	NA	CH2M
	10/17/2013*	3.7	3.2	NA	CH2M
	01/22/2014	3.7	3.4	NA	CH2M
	04/02/2014	3.6	3.7	NA	CH2M
	07/08/2014	3.7	3.5	NA	CH2M
	10/15/2014	3.6	3.6	NA	CH2M
	01/20/2015	4.0	3.8	NA	CH2M
	04/09/2015	3.9	3.7	NA	CH2M
	04/09/2015*	3.8	3.6	NA	CH2M
	07/15/2015	3.4	3.7	NA	CH2M
	10/07/2015	3.8	3.6	NA	Arcadis
	01/08/2016	4.9	3.7	NA	Arcadis
	03/01/2016	3.6	3.6	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-121D	03/01/2016*	3.5	3.6	NA	Arcadis
	04/19/2016	3.9	3.8	NA	Arcadis
	07/20/2016	4.0	3.7	NA	Arcadis
	10/13/2016	3.8	3.7	NA	Arcadis
	02/02/2017	4.0	3.6	NA	Arcadis
	04/17/2017	4.0	3.6	NA	Arcadis
	07/24/2017	3.5	3.6	NA	Arcadis
	10/12/2017	4.0	3.9	NA	Arcadis
	10/12/2017*	3.9	3.9	NA	Arcadis
	01/11/2018	4.2	3.9	NA	Arcadis
	04/13/2018	4.3	3.8	NA	Arcadis
	10/15/2018	4.0	3.9	NA	Arcadis
	02/11/2019	3.8	3.5	NA	Arcadis
	04/09/2019	5.2	3.8	NA	Arcadis
	06/05/2019	3.5	4.0	NA	Arcadis
	07/10/2019	4.1	3.9	NA	Arcadis
	10/17/2019	4.5	3.7	NA	Arcadis
	04/10/2020	4.0	3.8	NA	Arcadis
	10/14/2020	4.3	3.6	NA	Arcadis
	04/06/2021	5.8	2.5	NA	Arcadis
	06/01/2021	4.2	3.9	NA	Arcadis
No. of Samples: 48					
MW-121S	08/17/2011	11.7	11.1	NA	CH2M
	08/19/2011	4.0	3.5	NA	CH2M
	08/30/2011	3.7	3.5	NA	CH2M
	09/16/2011	3.2	2.9	NA	CH2M
	10/27/2011	6.8	6.5	NA	CH2M
	11/17/2011	2.7	2.4	NA	CH2M
	02/01/2012	1.5	1.6	NA	CH2M
	04/27/2012	2.2	1.5	NA	CH2M
	07/11/2012	1.5	1.4	NA	CH2M
	10/10/2012	2.3	1.9	NA	CH2M
	02/18/2013	3.4	3.0	NA	CH2M
	04/11/2013	3.6	3.7	NA	CH2M
	07/19/2013	1.9	1.6	NA	CH2M
	10/17/2013	1.8	1.7	NA	CH2M
	01/22/2014	1.6	1.5	NA	CH2M
	04/02/2014	1.5	1.6	NA	CH2M
	07/08/2014	1.6	1.8	NA	CH2M
	10/15/2014	2.0	2.2	NA	CH2M
	01/20/2015	2.0	2.1	NA	CH2M
	04/09/2015	2.1	2.1	NA	CH2M
	07/15/2015	2.3	2.5	NA	CH2M
	10/07/2015	2.4	2.5	NA	Arcadis
	01/11/2016	2.5	2.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-121S	04/19/2016	2.1	2.3	NA	Arcadis
	07/20/2016	2.7	2.6	NA	Arcadis
	07/20/2016*	2.8	2.6	NA	Arcadis
	10/13/2016	2.1	2.2	NA	Arcadis
	01/06/2017	2.3	2.2	NA	Arcadis
	04/17/2017	2.3	2.3	NA	Arcadis
	07/25/2017	2.1	2.3	NA	Arcadis
	10/12/2017	2.8	3.1	NA	Arcadis
	01/16/2018	3.9	3.7	NA	Arcadis
	03/06/2018	3.3	3.6	NA	Arcadis
	04/13/2018	2.9	3.0	NA	Arcadis
	10/15/2018	2.4	2.6	NA	Arcadis
	04/09/2019	2.8	2.8	NA	Arcadis
	10/17/2019	2.7	2.6	NA	Arcadis
	10/17/2019*	2.8	2.7	NA	Arcadis
	04/10/2020	2.8	2.9	NA	Arcadis
	10/14/2020	2.5	2.6	NA	Arcadis
	04/06/2021	2.9	2.9	NA	Arcadis
No. of Samples:		41			
MW-122D	08/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2011	ND (1.0)	0.24	NA	CH2M
	01/30/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2012*	ND (1.0)	0.064 J	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	0.063	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.076)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016*	ND (1.0)	ND (0.2)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-122D	07/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/14/2020	1.6	ND (0.2)	NA	Arcadis
	10/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/15/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		37			
MW-122S	08/16/2011	ND (1.0)	0.66	NA	CH2M
	09/16/2011	ND (1.0)	0.41	NA	CH2M
	10/27/2011	ND (1.0)	0.24	NA	CH2M
	01/31/2012	ND (1.0)	0.56	NA	CH2M
	04/27/2012	ND (1.0)	0.53	NA	CH2M
No. of Samples:		5			
MW-123S1	08/02/2011	1.9	1.9	NA	CH2M
	09/14/2011	2.8	2.0	NA	CH2M
	09/14/2011*	2.5	2.0	NA	CH2M
	10/27/2011	2.4	2.3	NA	CH2M
	11/17/2011	2.9	2.3	NA	CH2M
	01/30/2012	2.3	2.1	NA	CH2M
	04/26/2012	2.6	2.0	NA	CH2M
	07/25/2012	2.1	1.8	NA	CH2M
	10/10/2012	2.0	1.9	NA	CH2M
	01/21/2013	2.0	1.8	NA	CH2M
	04/10/2013	2.3	2.0	NA	CH2M
	07/11/2013	2.4	2.1	NA	CH2M
	10/11/2013	2.5	1.7	NA	CH2M
	01/20/2014	2.1	2.0	NA	CH2M
	04/17/2014	2.0	2.1	NA	CH2M
	07/15/2014	2.4	1.9	NA	CH2M
	10/08/2014	1.9	1.9	NA	CH2M
	01/14/2015	1.9	2.0	NA	CH2M
	04/06/2015	2.0	1.9	NA	CH2M
	07/09/2015	2.2	1.9	NA	CH2M
	10/09/2015	2.2	2.0	NA	Arcadis
	01/04/2016	1.9	2.0	NA	Arcadis
	01/04/2016*	1.9	1.9	NA	Arcadis
	04/06/2016	2.8	2.0	NA	Arcadis
	07/11/2016	2.1	2.0	NA	Arcadis
	10/12/2016	2.3	1.9	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-123S1	01/04/2017	2.2	1.9	NA	Arcadis
	01/04/2017*	2.2	1.9	NA	Arcadis
	04/05/2017	2.1	2.0	NA	Arcadis
	07/12/2017	2.0	2.0	NA	Arcadis
	07/12/2017*	2.0	1.9	NA	Arcadis
	10/04/2017	4.2	1.9	NA	Arcadis
	11/29/2017	2.7	1.9	NA	Arcadis
	01/09/2018	2.2	1.9	NA	Arcadis
	04/05/2018	2.1	1.9	NA	Arcadis
	04/05/2018*	2.3	2.0	NA	Arcadis
	10/03/2018	2.3	1.7	NA	Arcadis
	10/03/2018*	2.2	1.9	NA	Arcadis
	10/10/2019	1.8	1.6	NA	Arcadis
	10/10/2019*	1.8	1.6	NA	Arcadis
	10/08/2020	3.3	1.5	NA	Arcadis
	10/08/2020*	3.6	1.6	NA	Arcadis
	12/01/2020	1.8	1.5	NA	Arcadis
No. of Samples: 43					
MW-123S2	08/02/2011	1.9	1.9	NA	CH2M
	09/14/2011	2.0	1.9	NA	CH2M
	10/27/2011	2.1	2.0	NA	CH2M
	11/17/2011	2.0	2.0	NA	CH2M
	01/30/2012	1.9	1.8	NA	CH2M
	04/26/2012	2.3	1.8	NA	CH2M
	07/25/2012	2.2	1.7	NA	CH2M
	10/10/2012	2.2	1.8	NA	CH2M
	01/21/2013	1.9	1.7	NA	CH2M
	01/21/2013*	2.0	1.7	NA	CH2M
	04/10/2013	2.0	1.7	NA	CH2M
	07/11/2013	1.9	1.7	NA	CH2M
	07/11/2013*	1.9	1.7	NA	CH2M
	10/11/2013	1.9	1.7	NA	CH2M
	01/20/2014	1.7	1.7	NA	CH2M
	04/17/2014	1.9	1.9	NA	CH2M
	07/15/2014	2.0	1.9	NA	CH2M
	10/08/2014	1.7	1.9	NA	CH2M
	01/14/2015	2.0	2.0	NA	CH2M
	01/14/2015*	1.9	2.0	NA	CH2M
	04/06/2015	1.9	2.0	NA	CH2M
	07/09/2015	2.0	1.9	NA	CH2M
	10/09/2015	2.1	1.9	NA	Arcadis
	04/06/2016	1.9	2.0	NA	Arcadis
	10/12/2016	2.2	1.8	NA	Arcadis
	10/04/2017	2.2	1.9	NA	Arcadis
	10/03/2018	2.3	1.9	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-123S2	04/01/2019	2.4	2.0	NA	Arcadis
	10/10/2019	1.8	1.9	NA	Arcadis
	04/06/2020	2.8 J	2.0	NA	Arcadis
	04/06/2020*	6.5 J	2.0	NA	Arcadis
	06/05/2020	2.5	1.9	NA	Arcadis
	10/08/2020	2.5	1.9	NA	Arcadis
	10/08/2020*	2.4	2.0	NA	Arcadis
	04/05/2021	2.2	2.0	NA	Arcadis
	04/05/2021*	4.5	2.0	NA	Arcadis
	06/02/2021	2.6	2.0	NA	Arcadis
No. of Samples:		37			
MW-124D	08/02/2011	ND (1.0)	0.26	NA	CH2M
	08/02/2011*	ND (1.0)	0.25	NA	CH2M
	10/27/2011	ND (1.0)	ND (0.067)	NA	CH2M
	01/30/2012	ND (1.0)	0.12	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	0.34	NA	CH2M
	07/16/2012*	ND (1.0)	0.26	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.15)	NA	CH2M
	01/30/2013	ND (1.0)	0.38	NA	CH2M
	04/16/2013	ND (1.0)	0.37	NA	CH2M
	07/16/2013	ND (1.0)	0.24	NA	CH2M
	10/11/2013	ND (1.0)	0.33	NA	CH2M
	01/20/2014	ND (1.0)	0.32	NA	CH2M
	01/20/2014*	ND (1.0)	0.32	NA	CH2M
	04/17/2014	ND (1.0)	0.61	NA	CH2M
	07/15/2014	ND (1.0)	0.46	NA	CH2M
	10/08/2014	ND (1.0)	0.52	NA	CH2M
	01/14/2015	2.2	2.4	NA	CH2M
	04/06/2015	ND (1.0)	0.67	NA	CH2M
	07/09/2015	ND (1.0)	0.63	NA	CH2M
	10/09/2015	ND (1.0)	0.55	NA	Arcadis
	10/12/2016	ND (1.0)	0.72	NA	Arcadis
	10/12/2016*	ND (1.0)	0.71	NA	Arcadis
	04/05/2017	1.2	0.89	NA	Arcadis
	10/06/2017	1.2	0.77	NA	Arcadis
	10/03/2018	1.3	0.84	NA	Arcadis
	04/01/2019	1.1	0.96	NA	Arcadis
	10/10/2019	ND (1.0)	0.98	NA	Arcadis
	10/10/2019*	ND (1.0)	0.98	NA	Arcadis
	10/08/2020	1.3	1.0	NA	Arcadis
	04/07/2021	1.6	1.0	NA	Arcadis
No. of Samples:		31			
MW-124S1	08/02/2011	ND (1.0)	0.48	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-124S1	09/15/2011	1.3	0.95	NA	CH2M
	10/27/2011	1.6	1.5	NA	CH2M
	11/17/2011	2.1	2.0	NA	CH2M
	01/30/2012	1.6	1.5	NA	CH2M
	01/30/2012*	1.6	1.5	NA	CH2M
	04/26/2012	2.5	2.1	NA	CH2M
	07/25/2012	2.2	2.0	NA	CH2M
	10/10/2012	2.5	2.1	NA	CH2M
	01/22/2013	2.2	1.9	NA	CH2M
	04/16/2013	2.4	2.1	NA	CH2M
	07/16/2013	3.3	2.0	NA	CH2M
	10/11/2013	2.4	2.0	NA	CH2M
	01/20/2014	2.5	2.2	NA	CH2M
	04/17/2014	2.7	2.6	NA	CH2M
	07/15/2014	2.7	2.5	NA	CH2M
	10/08/2014	2.5	2.5	NA	CH2M
	01/14/2015	2.5	2.6	NA	CH2M
	04/06/2015	2.6	2.6	NA	CH2M
	07/09/2015	3.1	2.5	NA	CH2M
	10/09/2015	2.9	2.6	NA	Arcadis
	01/04/2016	2.6	2.6	NA	Arcadis
	04/06/2016	3.1	2.7	NA	Arcadis
	07/11/2016	2.8	2.6	NA	Arcadis
	10/12/2016	2.9	2.6	NA	Arcadis
	04/05/2017	2.7	2.7	NA	Arcadis
	10/06/2017	2.6	2.7	NA	Arcadis
	04/05/2018	2.5	2.6	NA	Arcadis
	10/03/2018	3.2	2.7	NA	Arcadis
	10/03/2018*	3.2	2.8	NA	Arcadis
	11/29/2018	3.3	2.6	NA	Arcadis
	04/01/2019	3.5	2.1	NA	Arcadis
	06/06/2019	2.7	2.6	NA	Arcadis
	10/10/2019	2.8	2.7	NA	Arcadis
	10/10/2019*	2.9	2.6	NA	Arcadis
	04/06/2020	3.1	2.6	NA	Arcadis
	10/08/2020	3.2	2.7	NA	Arcadis
	10/08/2020*	3.2	2.6	NA	Arcadis
	04/07/2021	3.3	2.1	NA	Arcadis
	04/07/2021*	2.9	2.2	NA	Arcadis
	06/02/2021	2.6	2.3	NA	Arcadis
No. of Samples: 41					
MW-124S2	08/02/2011	2.4	2.6	NA	CH2M
	09/15/2011	3.0	2.7	NA	CH2M
	10/27/2011	3.2	2.8	NA	CH2M
	11/17/2011	3.0	2.8	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-124S2	01/30/2012	2.6	2.7	NA	CH2M
	04/26/2012	2.7	2.6	NA	CH2M
	07/25/2012	2.5	2.5	NA	CH2M
	07/25/2012*	2.8	2.5	NA	CH2M
	10/02/2012	2.6	2.6	NA	CH2M
	01/30/2013	2.5	2.5	NA	CH2M
	04/04/2013	2.4	2.4	NA	CH2M
	07/09/2013	2.3	2.6	NA	CH2M
	10/08/2013	2.4	2.5	NA	CH2M
	01/08/2014	2.6	2.4	NA	CH2M
	04/17/2014	2.3	2.5	NA	CH2M
	07/15/2014	2.3	2.3	NA	CH2M
	10/08/2014	2.1	2.3	NA	CH2M
	10/08/2014*	2.2	2.3	NA	CH2M
	01/14/2015	ND (1.0)	0.48	NA	CH2M
	04/06/2015	2.3	2.3	NA	CH2M
	07/09/2015	2.3	2.2	NA	CH2M
	10/09/2015	2.2	2.1	NA	Arcadis
	10/09/2015*	2.1	2.1	NA	Arcadis
	01/04/2016	2.2	2.1	NA	Arcadis
	04/06/2016	2.1	2.1	NA	Arcadis
	07/11/2016	2.1	2.1	NA	Arcadis
	10/12/2016	2.2	2.0	NA	Arcadis
	04/05/2017	2.2	2.0	NA	Arcadis
	10/06/2017	2.8	2.0	NA	Arcadis
	10/06/2017*	2.6	1.9	NA	Arcadis
	04/05/2018	2.1	2.0	NA	Arcadis
	10/03/2018	2.2	1.8	NA	Arcadis
	04/01/2019	2.7	1.9	NA	Arcadis
	04/01/2019*	2.8	2.0	NA	Arcadis
	10/10/2019	1.8	1.8	NA	Arcadis
	04/06/2020	2.2 J	2.0	NA	Arcadis
	04/06/2020*	2.1	2.0	NA	Arcadis
	10/08/2020	2.1	1.7	NA	Arcadis
	04/07/2021	2.5	1.7	NA	Arcadis
No. of Samples:		39			
MW-125S1	08/17/2011	2.0	1.6	NA	CH2M
	09/14/2011	2.0	1.8	NA	CH2M
	10/27/2011	2.4	2.1	NA	CH2M
	11/17/2011	2.6	2.2	NA	CH2M
	01/31/2012	2.5	2.0	NA	CH2M
	04/26/2012	2.7	2.0	NA	CH2M
	07/25/2012	2.6	2.0	NA	CH2M
	10/10/2012	2.4	2.1	NA	CH2M
	01/22/2013	ND (1.0)	0.29	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-125S1	04/15/2013	2.3	2.1	NA	CH2M
	07/11/2013	2.4	2.0	NA	CH2M
	10/11/2013	2.2	2.0	NA	CH2M
	01/16/2014	2.1	2.1	NA	CH2M
	04/17/2014	2.6	2.2	NA	CH2M
	07/23/2014	2.5	2.2	NA	CH2M
	07/23/2014*	2.3	2.3	NA	CH2M
	10/08/2014	2.2	2.3	NA	CH2M
	01/14/2015	2.0	2.4	NA	CH2M
	04/06/2015	2.2	2.3	NA	CH2M
	07/09/2015	2.4	2.2	NA	CH2M
	10/09/2015	2.7	2.2	NA	Arcadis
	01/07/2016	2.7	2.3	NA	Arcadis
	04/06/2016	2.8	2.2	NA	Arcadis
	07/13/2016	2.3	2.2	NA	Arcadis
	10/11/2016	2.5	2.2	NA	Arcadis
	04/05/2017	2.3	2.2	NA	Arcadis
	04/05/2017*	2.4	2.2	NA	Arcadis
	10/06/2017	2.4	2.2	NA	Arcadis
	04/05/2018	2.5	2.1	NA	Arcadis
	10/03/2018	2.5	2.1	NA	Arcadis
	04/10/2019	2.6	2.2	NA	Arcadis
	10/10/2019	2.6	2.1	NA	Arcadis
	10/10/2019*	2.6	2.0	NA	Arcadis
	04/06/2020	2.8	2.2	NA	Arcadis
	04/06/2020*	2.6	2.1	NA	Arcadis
	10/09/2020	2.4	2.1	NA	Arcadis
	10/09/2020*	2.5	2.1	NA	Arcadis
	04/07/2021	2.5	2.0	NA	Arcadis
	04/07/2021*	2.5	2.0	NA	Arcadis
No. of Samples:	39				
MW-125S2	08/15/2011	1.8	1.3	NA	CH2M
	09/14/2011	1.6	1.4	NA	CH2M
	10/27/2011	2.4	1.5	NA	CH2M
	11/17/2011	2.0	1.5	NA	CH2M
	01/31/2012	1.8	1.4	NA	CH2M
	04/26/2012	2.1	1.4	NA	CH2M
	07/25/2012	1.4	1.4	NA	CH2M
	10/10/2012	1.6	1.5	NA	CH2M
	01/23/2013	1.6	1.4	NA	CH2M
	04/15/2013	1.6	1.4	NA	CH2M
	07/11/2013	1.5	1.4	NA	CH2M
	10/11/2013	1.3	1.2	NA	CH2M
	10/11/2013*	1.1	1.2	NA	CH2M
	01/16/2014	1.5	1.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-125S2	04/17/2014	1.6	1.6	NA	CH2M
	07/23/2014	1.8	1.6	NA	CH2M
	10/08/2014	1.4	1.5	NA	CH2M
	01/14/2015	1.4	1.6	NA	CH2M
	04/06/2015	1.5	1.5	NA	CH2M
	07/09/2015	1.5	1.6	NA	CH2M
	10/09/2015	1.7	1.5	NA	Arcadis
	04/06/2016	2.1	1.5	NA	Arcadis
	10/11/2016	1.6	1.5	NA	Arcadis
	10/06/2017	2.4	1.6	NA	Arcadis
	10/03/2018	1.8	1.6	NA	Arcadis
	10/03/2018*	1.8	1.6	NA	Arcadis
	10/10/2019	1.8	1.5	NA	Arcadis
	10/10/2019*	1.9	1.6	NA	Arcadis
	10/09/2020	1.9	1.7	NA	Arcadis
	10/09/2020*	2.0	1.7	NA	Arcadis
No. of Samples: 30					
MW-126S1	08/01/2011	4.6	4.8	NA	CH2M
	08/11/2011	3.0	3.0	NA	CH2M
	09/14/2011	3.1	2.8	NA	CH2M
	10/27/2011	3.4	2.8	NA	CH2M
	11/18/2011	2.8	2.5	NA	CH2M
	01/31/2012	3.7	2.7	NA	CH2M
	03/13/2012	2.8	2.6	NA	CH2M
	04/26/2012	2.6	2.2	NA	CH2M
	04/26/2012*	2.6	2.2	NA	CH2M
	07/30/2012	2.7	2.5	NA	CH2M
	10/11/2012	2.8	2.6	NA	CH2M
	01/31/2013	3.1	2.5	NA	CH2M
	04/15/2013	2.6	2.5	NA	CH2M
	07/11/2013	3.0	2.4	NA	CH2M
	10/11/2013	2.6	2.4	NA	CH2M
	01/21/2014	2.6	1.7	NA	CH2M
	04/16/2014	3.0	2.8	NA	CH2M
	04/16/2014*	2.9	2.8	NA	CH2M
	07/22/2014	2.5	2.2	NA	CH2M
	10/08/2014	2.7	2.6	NA	CH2M
	01/15/2015	2.3	2.6	NA	CH2M
	04/06/2015	3.1	2.5	NA	CH2M
	07/09/2015	2.7	2.5	NA	CH2M
	10/09/2015	2.8	2.5	NA	Arcadis
	01/07/2016	4.5	2.7	NA	Arcadis
	03/01/2016	3.0	2.4	NA	Arcadis
	04/08/2016	4.5	2.6	NA	Arcadis
	06/02/2016	2.7	2.5	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-126S1	07/11/2016	2.6	2.5	NA	Arcadis
	10/04/2016	2.6	2.4	NA	Arcadis
	04/17/2017	3.4	2.7	NA	Arcadis
	06/06/2017	2.5	2.5	NA	Arcadis
	10/06/2017	2.6	2.4	NA	Arcadis
	04/06/2018	3.4	2.3	NA	Arcadis
	06/06/2018	2.9	2.3	NA	Arcadis
	10/01/2018	2.1	1.2	NA	Arcadis
	04/10/2019	2.6	2.6	NA	Arcadis
	10/11/2019	3.3	2.3	NA	Arcadis
	12/04/2019	3.1	2.9	NA	Arcadis
	04/07/2020	3.1	2.8	NA	Arcadis
	10/09/2020	2.8	2.4	NA	Arcadis
	10/09/2020*	3.1	2.4	NA	Arcadis
	04/08/2021	3.0	2.5	NA	Arcadis
	04/08/2021*	3.2	2.5	NA	Arcadis
<i>No. of Samples:</i> 44					
MW-126S2	08/01/2011	ND (1.0)	0.4	NA	CH2M
	08/11/2011	1.6	1.4	NA	CH2M
	09/14/2011	1.3	1.2	NA	CH2M
	10/27/2011	1.6	1.4	NA	CH2M
	10/27/2011*	2.3	1.4	NA	CH2M
	11/18/2011	1.7	1.2	NA	CH2M
	01/31/2012	2.2	1.5	NA	CH2M
	04/26/2012	1.6	1.3	NA	CH2M
	07/30/2012	1.5	1.4	NA	CH2M
	10/11/2012	1.4	1.3	NA	CH2M
	01/31/2013	1.5	1.3	NA	CH2M
	04/15/2013	1.4	1.3	NA	CH2M
	04/15/2013*	1.5	1.3	NA	CH2M
	07/11/2013	1.7	1.2	NA	CH2M
	10/11/2013	1.5	1.2	NA	CH2M
	01/21/2014	2.3	1.3	NA	CH2M
	04/16/2014	1.5	1.5	NA	CH2M
	07/22/2014	1.7	1.3	NA	CH2M
	10/08/2014	1.5	1.5	NA	CH2M
	01/15/2015	1.5	1.4	NA	CH2M
	04/06/2015	1.9	1.4	NA	CH2M
	07/09/2015	1.5	1.4	NA	CH2M
	07/09/2015*	1.5	1.4	NA	CH2M
	10/09/2015	1.8	1.5	NA	Arcadis
	01/07/2016	1.7	1.5	NA	Arcadis
	04/08/2016	2.0	1.5	NA	Arcadis
	07/11/2016	1.6	1.6	NA	Arcadis
	10/04/2016	1.7	1.4	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-126S2	04/17/2017	1.6	1.5	NA	Arcadis
	10/06/2017	1.6	1.6	NA	Arcadis
	04/06/2018	2.1	1.4	NA	Arcadis
	10/01/2018	3.7	2.6	NA	Arcadis
	11/29/2018	4.4	1.1	NA	Arcadis
	04/10/2019	1.6	1.4	NA	Arcadis
	10/10/2019	1.8	1.4	NA	Arcadis
	10/10/2019*	1.8	1.4	NA	Arcadis
	04/07/2020	1.9	1.5	NA	Arcadis
	04/07/2020*	2.0	1.5	NA	Arcadis
	10/09/2020	2.0	1.5	NA	Arcadis
	04/08/2021	2.7	1.5	NA	Arcadis
	04/08/2021*	2.7	1.5	NA	Arcadis
	06/02/2021	2.3	1.6	NA	Arcadis
No. of Samples: 42					
MW-127S1	08/01/2011	10	9.2	NA	CH2M
	08/11/2011	3.9	4.0	NA	CH2M
	08/11/2011*	3.8	4.0	NA	CH2M
	09/14/2011	3.7	3.1	NA	CH2M
	10/27/2011	2.9	2.2	NA	CH2M
	11/18/2011	2.6	2.0	NA	CH2M
	01/31/2012	3.3	1.7	NA	CH2M
	03/13/2012	2.3	1.6	NA	CH2M
	04/26/2012	2.3	1.7	NA	CH2M
	07/30/2012	2.0	1.7	NA	CH2M
	10/11/2012	1.4	1.1	NA	CH2M
	02/21/2013	1.7	1.8	NA	CH2M
	04/15/2013	2.2	1.8	NA	CH2M
	07/11/2013	2.6	1.5	NA	CH2M
	10/11/2013	2.1	1.5	NA	CH2M
	01/21/2014	3.6	1.8	NA	CH2M
	03/06/2014	2.5	2.1	NA	CH2M
	04/16/2014	2.5	2.2	NA	CH2M
	04/16/2014*	2.4	2.2	NA	CH2M
	07/22/2014	2.5	2.1	NA	CH2M
	07/22/2014*	2.6	2.1	NA	CH2M
	10/08/2014	2.3	2.3	NA	CH2M
	01/15/2015	2.3	2.3	NA	CH2M
	01/15/2015*	2.4	2.3	NA	CH2M
	04/06/2015	2.9	2.3	NA	CH2M
	07/09/2015	2.5	2.5	NA	CH2M
	10/09/2015	3.2	2.4	NA	Arcadis
	12/09/2015	3.0	2.7	NA	Arcadis
	01/07/2016	4.0	2.5	NA	Arcadis
	03/01/2016	3.1	2.5	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-127S1	04/08/2016	2.7	2.4	NA	Arcadis
	07/11/2016	2.8	2.8	NA	Arcadis
	10/04/2016	3.1	2.8	NA	Arcadis
	01/05/2017	3.3	2.9	NA	Arcadis
	03/08/2017	3.5	2.7	NA	Arcadis
	04/18/2017	4.3	2.9	NA	Arcadis
	06/06/2017	2.9	2.9	NA	Arcadis
	07/12/2017	3.6	3.1	NA	Arcadis
	09/05/2017	2.9	3.0	NA	Arcadis
	10/06/2017	3.0	2.9	NA	Arcadis
	01/09/2018	3.5	2.9	NA	Arcadis
	03/05/2018	3.1	3.1	NA	Arcadis
	04/06/2018	3.9	3.1	NA	Arcadis
	06/05/2018	3.6	2.8	NA	Arcadis
	07/25/2018	3.6	3.1	NA	Arcadis
	10/01/2018	3.7	2.8	NA	Arcadis
	01/07/2019	3.2	2.8	NA	Arcadis
	04/10/2019	3.3	3.3	NA	Arcadis
	06/06/2019	2.9	3.3	NA	Arcadis
	07/08/2019	3.5	3.3	NA	Arcadis
	09/03/2019	3.7	3.2	NA	Arcadis
	10/09/2019	6.1	2.9	NA	Arcadis
	12/04/2019	3.6	3.7	NA	Arcadis
	01/06/2020	4.2	3.4	NA	Arcadis
	03/03/2020	3.6	3.3	NA	Arcadis
	04/07/2020	4.0	3.5	NA	Arcadis
	06/05/2020	4.0	3.4	NA	Arcadis
	07/06/2020	4.5	3.3	NA	Arcadis
	09/02/2020	4.6	3.6	NA	Arcadis
	10/09/2020	4.2	3.4	NA	Arcadis
	10/09/2020*	4.6	3.4	NA	Arcadis
	01/22/2021	3.7	3.3	NA	Arcadis
	04/08/2021	4.8	3.3	NA	Arcadis
No. of Samples:		63			
MW-127S2	08/01/2011	ND (1.0)	0.68	NA	CH2M
	08/11/2011	1.3	1.1	NA	CH2M
	09/14/2011	2.0	1.1	NA	CH2M
	10/27/2011	1.5	1.2	NA	CH2M
	11/18/2011	1.5	1.2	NA	CH2M
	11/18/2011*	1.4	1.2	NA	CH2M
	01/31/2012	2.0	1.1	NA	CH2M
	04/26/2012	1.4	1.1	NA	CH2M
	07/30/2012	1.4	1.2	NA	CH2M
	10/11/2012	1.5	1.3	NA	CH2M
	02/21/2013	1.1	1.3	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-127S2	04/15/2013	1.5	1.2	NA	CH2M
	07/11/2013	1.7	1.2	NA	CH2M
	07/11/2013*	2.3	1.2	NA	CH2M
	10/11/2013	1.6	1.2	NA	CH2M
	01/21/2014	1.9	1.2	NA	CH2M
	04/16/2014	1.4	1.3	NA	CH2M
	07/22/2014	1.5	1.3	NA	CH2M
	10/08/2014	1.4	1.4	NA	CH2M
	01/15/2015	1.3	1.4	NA	CH2M
	04/06/2015	1.6	1.3	NA	CH2M
	07/09/2015	1.4	1.4	NA	CH2M
	10/09/2015	1.9	1.4	NA	Arcadis
	01/07/2016	2.1	1.3	NA	Arcadis
	04/08/2016	1.5	1.1	NA	Arcadis
	07/11/2016	1.3	1.4	NA	Arcadis
	10/04/2016	1.8	1.4	NA	Arcadis
	01/05/2017	1.6	1.3	NA	Arcadis
	04/18/2017	1.5	1.3	NA	Arcadis
	04/18/2017*	1.3	1.5	NA	Arcadis
	07/12/2017	1.6	1.4	NA	Arcadis
	10/06/2017	2.0	1.4	NA	Arcadis
	01/09/2018	2.3	1.3	NA	Arcadis
	04/06/2018	2.0	1.3	NA	Arcadis
	07/25/2018	1.6	1.3	NA	Arcadis
	10/01/2018	1.9	1.3	NA	Arcadis
	01/07/2019	1.8	1.3	NA	Arcadis
	04/10/2019	1.6	1.6	NA	Arcadis
	04/10/2019*	1.4	1.5	NA	Arcadis
	07/08/2019	1.6	1.7	NA	Arcadis
	10/09/2019	1.8	1.4	NA	Arcadis
	01/06/2020	4.3	1.6	NA	Arcadis
	03/03/2020	1.8	1.4	NA	Arcadis
	04/06/2020	1.8	1.7	NA	Arcadis
	07/06/2020	2.6	1.5	NA	Arcadis
	09/02/2020	2.2	1.6	NA	Arcadis
	10/09/2020	2.1	1.6	NA	Arcadis
	01/22/2021	1.7	1.5	NA	Arcadis
	04/08/2021	2.6	1.6	NA	Arcadis
No. of Samples: 49					
MW-128S1	07/27/2011	17.8	20.1	NA	CH2M
	08/11/2011	11.1	12.2	NA	CH2M
	09/15/2011	11.4	12	NA	CH2M
	09/15/2011*	11.4	12.1	NA	CH2M
	10/27/2011	11.2	9.9	NA	CH2M
	11/22/2011	11.6	10.6	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-128S1	01/24/2012	7.8	7.8	NA	CH2M
	04/25/2012	9.1	8.8	NA	CH2M
	07/30/2012	7.7	7.3	NA	CH2M
	10/11/2012	5.1	5.4	NA	CH2M
	10/11/2012*	5.4	5.3	NA	CH2M
	04/17/2013	3.0	3.0	NA	CH2M
	07/16/2013	2.9	2.5	NA	CH2M
	10/10/2013	4.2	4.3	NA	CH2M
	01/14/2014	3.6	2.9	NA	CH2M
	04/16/2014	3.4	3.6	NA	CH2M
	07/22/2014	4.7	4.4	NA	CH2M
	07/22/2014*	5.1	4.4	NA	CH2M
	10/09/2014	6.6	7.1	NA	CH2M
	01/19/2015	7.5	7.2	NA	CH2M
	04/06/2015	3.9	3.6	NA	CH2M
	07/08/2015	2.8	3.0	NA	CH2M
	10/15/2015	6.0	6.2	NA	Arcadis
	01/07/2016	3.9	3.1	NA	Arcadis
	04/07/2016	2.6	2.6	NA	Arcadis
	07/11/2016	4.5	4.0	NA	Arcadis
	09/08/2016	7.7	8.1	NA	Arcadis
	10/05/2016	9.0	7.7	NA	Arcadis
	02/02/2017	4.3	3.8	NA	Arcadis
	04/06/2017	3.5	3.4	NA	Arcadis
	07/13/2017	5.5	6.2	NA	Arcadis
	10/09/2017	5.6	6.4	NA	Arcadis
	01/10/2018	7.1	6.4	NA	Arcadis
	04/04/2018	6.9	6.5	NA	Arcadis
	10/01/2018	6.5	5.1	NA	Arcadis
	04/03/2019	6.8	5.8	NA	Arcadis
	10/11/2019	11	9.0	NA	Arcadis
	12/05/2019	12	12	NA	Arcadis
	01/07/2020	12	12	NA	Arcadis
	03/05/2020	8.7	8.7	NA	Arcadis
	04/06/2020	7.9	7.5	NA	Arcadis
	07/09/2020	7.6	6.0	NA	Arcadis
	10/06/2020	12	10	NA	Arcadis
	12/03/2020	10	10	NA	Arcadis
	01/19/2021	10	10	NA	Arcadis
	03/01/2021	11	10	NA	Arcadis
	04/05/2021	9.0	8.2	NA	Arcadis
No. of Samples: 47					
MW-128S2	07/27/2011	3.5	3.5	NA	CH2M
	08/11/2011	3.8	4.2	NA	CH2M
	09/15/2011	4.1	4.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-128S2	10/27/2011	3.6	3.2	NA	CH2M
	11/22/2011	3.2	2.9	NA	CH2M
	01/24/2012	3.3	3.0	NA	CH2M
	04/25/2012	3.1	2.9	NA	CH2M
	07/30/2012	3.7	2.8	NA	CH2M
	10/11/2012	3.0	2.9	NA	CH2M
	01/25/2013	3.5	3.3	NA	CH2M
	04/17/2013	3.5	3.5	NA	CH2M
	07/16/2013	3.4	3.2	NA	CH2M
	10/10/2013	3.5	3.2	NA	CH2M
	01/14/2014	4.0	3.1	NA	CH2M
	04/16/2014	3.7	3.6	NA	CH2M
	07/22/2014	3.8	3.5	NA	CH2M
	10/09/2014	3.3	3.7	NA	CH2M
	01/19/2015	3.7	3.7	NA	CH2M
	04/06/2015	3.5	3.7	NA	CH2M
	04/06/2015*	3.6	3.6	NA	CH2M
	07/08/2015	3.2	3.6	NA	CH2M
	10/15/2015	3.4	3.5	NA	Arcadis
	01/07/2016	3.7	3.5	NA	Arcadis
	04/07/2016	3.3	3.3	NA	Arcadis
	07/11/2016	3.5	3.1	NA	Arcadis
	10/05/2016	3.6	3.1	NA	Arcadis
	01/03/2017	3.1	3.1	NA	Arcadis
	04/06/2017	3.0	3.1	NA	Arcadis
	07/13/2017	2.8	3.1	NA	Arcadis
	10/09/2017	2.7	3.1	NA	Arcadis
	01/10/2018	3.0	3.0	NA	Arcadis
	10/01/2018	3.3	2.9	NA	Arcadis
	10/11/2019	3.5	2.7	NA	Arcadis
	03/04/2020	4.0	2.9	NA	Arcadis
	04/06/2020	3.8	3.1	NA	Arcadis
	07/09/2020	4.9	2.8	NA	Arcadis
	08/31/2020	4.0	3.3	NA	Arcadis
	10/06/2020	3.8	3.2	NA	Arcadis
	01/19/2021	3.2	2.9	NA	Arcadis
	04/05/2021	3.4	2.3	NA	Arcadis
	06/03/2021	4.2	3.0	NA	Arcadis
No. of Samples: 41					
MW-128S3	07/28/2011	1.8	1.4	NA	CH2M
	08/11/2011	1.6	1.9	NA	CH2M
	09/15/2011	2.1	2.0	NA	CH2M
	10/27/2011	2.2	2.1	NA	CH2M
	11/22/2011	2.1	1.7	NA	CH2M
	11/22/2011*	2.0	1.7	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-128S3	01/24/2012	2.0	1.9	NA	CH2M
	04/25/2012	2.3	2.0	NA	CH2M
	07/30/2012	2.1	1.9	NA	CH2M
	10/11/2012	1.7	1.7	NA	CH2M
	01/25/2013	2.2	1.8	NA	CH2M
	04/17/2013	1.9	1.8	NA	CH2M
	07/16/2013	2.0	1.6	NA	CH2M
	10/10/2013	1.9	1.7	NA	CH2M
	01/14/2014	2.1	1.5	NA	CH2M
	04/16/2014	1.8	1.9	NA	CH2M
	07/22/2014	2.1	1.8	NA	CH2M
	10/09/2014	1.9	1.9	NA	CH2M
	01/20/2015	2.0	1.9	NA	CH2M
	04/06/2015	1.9	1.8	NA	CH2M
	07/08/2015	1.7	1.7	NA	CH2M
	10/15/2015	1.6	1.8	NA	Arcadis
	01/07/2016	2.0	1.8	NA	Arcadis
	01/07/2016*	2.0	1.8	NA	Arcadis
	04/07/2016	2.3	1.8	NA	Arcadis
	07/11/2016	1.8	1.6	NA	Arcadis
	10/05/2016	2.0	1.7	NA	Arcadis
	01/03/2017	2.1	1.7	NA	Arcadis
	04/06/2017	1.8	1.7	NA	Arcadis
	07/13/2017	1.7	1.7	NA	Arcadis
	10/09/2017	1.6	1.6	NA	Arcadis
	01/10/2018	1.8	1.6	NA	Arcadis
	10/01/2018	1.9	1.6	NA	Arcadis
	10/01/2018*	1.9	1.6	NA	Arcadis
	10/11/2019	2.2	1.6	NA	Arcadis
	03/03/2020	2.0	1.5	NA	Arcadis
	04/06/2020	2.1	1.6	NA	Arcadis
	07/09/2020	2.3	1.5	NA	Arcadis
	10/06/2020	1.9	1.7	NA	Arcadis
	01/19/2021	1.6	1.6	NA	Arcadis
	04/05/2021	2.0	1.5	NA	Arcadis
No. of Samples: 41					
MW-129S	08/02/2011	ND (1.0)	1.2	NA	CH2M
	08/11/2011	1.2	1.0	NA	CH2M
	09/14/2011	1.3	1.1	NA	CH2M
	10/27/2011	1.4	1.1	NA	CH2M
	11/18/2011	1.4	1.0	NA	CH2M
	01/31/2012	1.4	0.94	NA	CH2M
	04/20/2012	1.3	0.53	NA	CH2M
	07/26/2012	1.0	0.86	NA	CH2M
	10/12/2012	ND (1.0)	0.82	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-129S	01/22/2013	ND (1.0)	0.83	NA	CH2M
	04/10/2013	1.2	0.82	NA	CH2M
	07/11/2013	1.1	0.8	NA	CH2M
	10/15/2013	ND (1.0)	0.69	NA	CH2M
	01/16/2014	1.1	0.75	NA	CH2M
	01/16/2014*	1.0	0.75	NA	CH2M
	04/16/2014	1.0	0.9	NA	CH2M
	07/22/2014	1.1	0.72	NA	CH2M
	10/09/2014	ND (1.0)	0.87	NA	CH2M
	01/14/2015	1.1	0.86	NA	CH2M
	04/07/2015	1.1	0.87	NA	CH2M
	07/09/2015	1.4	0.87	NA	CH2M
	10/09/2015	ND (1.0)	0.89	NA	Arcadis
No. of Samples: 22					
MW-130S1	03/15/2012	6.1	6.2	NA	CH2M
	04/27/2012	5.4	5.6	NA	CH2M
	05/16/2012	5.7	5.0	NA	CH2M
	07/30/2012	4.8	4.3	NA	CH2M
	10/16/2012	4.2	3.9	NA	CH2M
	01/21/2013	3.7	3.3	NA	CH2M
	04/03/2013	3.6	3.6	NA	CH2M
	04/03/2013*	3.7	3.7	NA	CH2M
	07/18/2013	4.0	3.4	NA	CH2M
	10/10/2013	2.4	2.3	NA	CH2M
	01/14/2014	3.8	3.6	NA	CH2M
	04/10/2014	3.5	3.7	NA	CH2M
	07/16/2014	3.0	2.8	NA	CH2M
	10/07/2014	3.6	3.8	NA	CH2M
	10/07/2014*	3.5	3.8	NA	CH2M
	01/12/2015	3.5	3.9	NA	CH2M
	04/02/2015	3.7	3.7	NA	CH2M
	07/08/2015	3.4	3.8	NA	CH2M
	10/12/2015	3.4	3.7	NA	Arcadis
	10/12/2015*	3.5	3.8	NA	Arcadis
	04/06/2016	3.6	3.7	NA	Arcadis
	10/11/2016	3.8	3.7	NA	Arcadis
	10/13/2017	3.6	3.7	NA	Arcadis
	10/09/2018	3.8	3.8	NA	Arcadis
	04/02/2019	3.3	3.2	NA	Arcadis
	10/08/2019	5.0	3.6	NA	Arcadis
	12/04/2019	3.9	4.0	NA	Arcadis
	04/08/2020	5.1	3.2	NA	Arcadis
	06/03/2020	4.0	3.6	NA	Arcadis
	10/06/2020	10	3.2	NA	Arcadis
	12/01/2020	3.7	3.5	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 31					
MW-130S2	03/14/2012	4.1	3.7	NA	CH2M
	04/26/2012	4.1	3.7	NA	CH2M
	05/15/2012	3.6	3.6	NA	CH2M
	07/26/2012	4.1	3.7	NA	CH2M
	10/15/2012	3.2	3.4	NA	CH2M
	01/21/2013	3.9	3.5	NA	CH2M
	01/21/2013*	4.1	3.5	NA	CH2M
	04/03/2013	3.8	3.5	NA	CH2M
	07/17/2013	4.1	3.5	NA	CH2M
	10/10/2013	3.4	3.4	NA	CH2M
	01/14/2014	3.8	3.6	NA	CH2M
	04/10/2014	3.8	3.8	NA	CH2M
	07/16/2014	4.0	3.6	NA	CH2M
	10/07/2014	3.5	3.9	NA	CH2M
	01/12/2015	3.7	3.7	NA	CH2M
	04/01/2015	4.1	3.8	NA	CH2M
	07/07/2015	3.7	3.8	NA	CH2M
	10/12/2015	3.7	3.8	NA	Arcadis
	01/08/2016	4.3	3.8	NA	Arcadis
	04/06/2016	4.2	3.6	NA	Arcadis
	07/07/2016	3.9	3.8	NA	Arcadis
	10/14/2016	3.8	3.8	NA	Arcadis
	04/03/2017	4.3	3.7	NA	Arcadis
	10/13/2017	3.9	3.8	NA	Arcadis
	04/03/2018	4.0	3.8	NA	Arcadis
	10/09/2018	4.4	3.7	NA	Arcadis
	10/08/2019	5.4	3.3	NA	Arcadis
	12/04/2019	3.6	3.9	NA	Arcadis
	10/06/2020	5.4	3.8	NA	Arcadis
	12/01/2020	4.4	3.7	NA	Arcadis
	04/06/2021	4.4	3.9	NA	Arcadis
No. of Samples: 31					
MW-131S1	01/26/2012	2.5	2.2	NA	CH2M
	03/14/2012	2.6	2.0	NA	CH2M
	04/26/2012	2.5	2.3	NA	CH2M
	07/26/2012	3.1	2.7	NA	CH2M
	10/09/2012	3.7	2.8	NA	CH2M
	12/05/2012	3.2	2.7	NA	CH2M
	01/30/2013	3.3	2.9	NA	CH2M
	04/10/2013	3.4	2.9	NA	CH2M
	07/17/2013	2.7	2.4	NA	CH2M
	10/10/2013	2.6	2.5	NA	CH2M
	01/16/2014	3.9	2.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-131S1	04/10/2014	2.8	2.5	NA	CH2M
	07/16/2014	3.1	2.3	NA	CH2M
	10/07/2014	2.3	2.5	NA	CH2M
	01/12/2015	2.5	2.7	NA	CH2M
	01/12/2015*	2.4	2.7	NA	CH2M
	04/02/2015	2.6	2.4	NA	CH2M
	07/07/2015	2.7	2.4	NA	CH2M
	10/07/2015	2.5	2.4	NA	Arcadis
	01/05/2016	3.6	2.5	NA	Arcadis
	03/01/2016	3.6	2.5	NA	Arcadis
	04/06/2016	4.6	2.4	NA	Arcadis
	06/01/2016	3.0	2.7	NA	Arcadis
	07/07/2016	4.9	2.6	NA	Arcadis
	09/08/2016	2.9	2.4	NA	Arcadis
	10/12/2016	2.6	2.6	NA	Arcadis
	04/03/2017	3.2	2.8	NA	Arcadis
	10/13/2017	2.6	2.7	NA	Arcadis
	10/09/2018	2.9	2.5	NA	Arcadis
	04/02/2019	3.8	2.6	NA	Arcadis
	06/06/2019	6.6	2.4	NA	Arcadis
	10/08/2019	8.1	2.2	NA	Arcadis
	12/04/2019	2.6	2.6	NA	Arcadis
	04/08/2020	5.5	2.3	NA	Arcadis
	06/04/2020	3.2	2.5	NA	Arcadis
	10/06/2020	4.2	2.6	NA	Arcadis
	12/01/2020	3.4	2.4	NA	Arcadis
	04/06/2021	4.9	2.5	NA	Arcadis
	06/02/2021	3.8	2.6	NA	Arcadis
No. of Samples: 39					
MW-133S1	11/01/2011	6.6	7.1	NA	CH2M
	04/18/2013	7.6	7.7	NA	CH2M
	01/24/2014	8.1	8.8	NA	CH2M
	04/18/2014	7.8	8.0	NA	CH2M
	07/11/2014	9.9	9.8	NA	CH2M
	10/22/2014	7.2	7.7	NA	CH2M
	01/21/2015	8.0	9.2	NA	CH2M
	04/15/2015	7.6	8.1	NA	CH2M
	07/23/2015	6.8	7.4	NA	CH2M
	10/22/2015	6.4	7.8	NA	Arcadis
	01/19/2016	7.4	7.6	NA	Arcadis
	01/19/2016*	6.9	7.6	NA	Arcadis
	04/07/2016	6.9	7.1	NA	Arcadis
	07/19/2016	7.2	7.5	NA	Arcadis
	10/19/2016	8.0	7.8	NA	Arcadis
	03/06/2017	7.5	7.3	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-133S1	04/20/2017	6.9	7.5	NA	Arcadis
	07/26/2017	6.7	7.6	NA	Arcadis
	10/16/2017	7.9	8.3	NA	Arcadis
	01/25/2018	7.5	7.9	NA	Arcadis
	04/17/2018	8.1	8.6	NA	Arcadis
	10/19/2018	8.7	9.4	NA	Arcadis
	03/04/2019	7.2	8.1	NA	Arcadis
	04/15/2019	8.6	7.7	NA	Arcadis
	07/23/2019	8.5	8.7	NA	Arcadis
	10/25/2019	8.1	7.8	NA	Arcadis
	04/20/2020	7.2	7.6	NA	Arcadis
	08/03/2020	8.4	8.5	NA	Arcadis
	10/20/2020	8.4	8.0	NA	Arcadis
	04/19/2021	6.7	8.2	NA	Arcadis
No. of Samples: 30					
MW-133S2	10/27/2011	ND (1.0)	ND (0.075)	NA	CH2M
	11/21/2011	ND (1.0)	0.061	NA	CH2M
	12/12/2011	ND (1.0)	ND (0.13)	NA	CH2M
	01/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/26/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	0.068	NA	CH2M
	07/16/2012	ND (1.0)	0.072	NA	CH2M
	10/15/2012	ND (1.0)	0.34	NA	CH2M
	01/30/2013	ND (1.0)	0.09	NA	CH2M
	04/17/2013	ND (1.0)	0.22	NA	CH2M
	07/16/2013	ND (1.0)	0.083	NA	CH2M
	10/08/2013	1.2	0.48	NA	CH2M
	01/20/2014	ND (1.0)	0.11	NA	CH2M
	04/07/2014	ND (1.0)	0.19	NA	CH2M
	07/10/2014	ND (1.0)	0.18	NA	CH2M
	10/07/2014	ND (1.0)	0.21	NA	CH2M
	01/12/2015	ND (1.0)	0.26	NA	CH2M
	04/02/2015	ND (1.0)	0.41	NA	CH2M
	07/08/2015	ND (1.0)	0.35	NA	CH2M
	07/08/2015*	ND (1.0)	0.43	NA	CH2M
	10/07/2015	ND (1.0)	0.093	NA	Arcadis
	04/05/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2016	1.3	0.59	NA	Arcadis
	10/02/2017	ND (1.0)	0.28	NA	Arcadis
	10/05/2018	1.9	0.81	NA	Arcadis
	11/29/2018	1.7	ND (0.2)	NA	Arcadis
	10/08/2019	ND (1.0)	0.2	NA	Arcadis
	10/06/2020	1.0	0.49	NA	Arcadis
No. of Samples: 28					

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-135S1	11/09/2011	4.2	4.2	NA	CH2M
	12/12/2011	4.5	4.2	NA	CH2M
	01/26/2012	4.0	3.9	NA	CH2M
	04/26/2012	3.6	3.5	NA	CH2M
	07/19/2012	6.5 J	3.2	NA	CH2M
	07/19/2012*	4.0 J	3.6	NA	CH2M
	10/15/2012	3.4	3.4	NA	CH2M
	01/17/2013	3.9	3.7	NA	CH2M
	04/15/2013	4.0	3.9	NA	CH2M
	07/16/2013	4.2	3.6	NA	CH2M
	10/08/2013	2.7	2.5	NA	CH2M
	01/20/2014	3.4	3.5	NA	CH2M
	04/07/2014	4.0	3.9	NA	CH2M
	07/07/2014	3.6	3.8	NA	CH2M
	10/07/2014	3.9	3.9	NA	CH2M
	01/05/2015	4.0	4.1	NA	CH2M
	04/02/2015	4.0	4.0	NA	CH2M
	07/08/2015	3.6	4.0	NA	CH2M
	10/07/2015	3.7	4.0	NA	Arcadis
	01/04/2016	5.5	3.8	NA	Arcadis
	03/01/2016	4.4	3.6	NA	Arcadis
	04/05/2016	4.0	3.8	NA	Arcadis
	07/07/2016	4.0	3.8	NA	Arcadis
	07/07/2016*	3.9	3.8	NA	Arcadis
	10/14/2016	4.5	3.7	NA	Arcadis
	04/11/2017	4.0	3.8	NA	Arcadis
	10/31/2017	4.0	3.8	NA	Arcadis
	10/04/2018	3.7	3.7	NA	Arcadis
	04/08/2019	3.6	3.3	NA	Arcadis
	10/23/2019	5.3	3.5	NA	Arcadis
	12/05/2019	3.9	4.3	NA	Arcadis
	06/04/2020	3.7	3.5	NA	Arcadis
No. of Samples:		32			
MW-135S2	10/16/2012	1.7	1.4	NA	CH2M
	01/17/2013	2.1	1.8	NA	CH2M
	04/15/2013	2.4	2.0	NA	CH2M
	07/16/2013	2.8	2.2	NA	CH2M
	10/10/2013	2.3	2.4	NA	CH2M
	01/20/2014	2.6	2.1	NA	CH2M
	04/07/2014	5.0	2.9	NA	CH2M
	06/04/2014	7.7	1.3	NA	CH2M
	07/07/2014	3.5	3.1	NA	CH2M
	10/07/2014	4.4	2.3	NA	CH2M
	01/05/2015	4.2	2.9	NA	CH2M
	04/02/2015	3.9	2.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-135S2	07/08/2015	3.2	3.2	NA	CH2M
	10/07/2015	3.8	2.7	NA	Arcadis
	12/09/2015	3.9	2.9	NA	Arcadis
	04/05/2016	3.9	3.1	NA	Arcadis
	10/14/2016	3.0	2.5	NA	Arcadis
	02/03/2017	3.7	0.99	NA	Arcadis
	03/07/2017	3.9	2.0	NA	Arcadis
	04/11/2017	4.6	2.7	NA	Arcadis
	06/22/2017	3.5	3.1	NA	Arcadis
	07/20/2017	3.4	2.9	NA	Arcadis
	10/31/2017	4.1	1.8	NA	Arcadis
	11/28/2017	2.9	2.6	NA	Arcadis
	04/05/2018	4.0	2.2	NA	Arcadis
	06/06/2018	3.6	2.1	NA	Arcadis
	10/04/2018	2.2	1.3	NA	Arcadis
	10/23/2019	3.1	2.7	NA	Arcadis
No. of Samples: 28					
MW-136S1	10/27/2011	3.4	2.7	NA	CH2M
	11/21/2011	2.3	2.0	NA	CH2M
	12/09/2011	3.3	2.9	NA	CH2M
	01/26/2012	3.1	3.2	NA	CH2M
	04/27/2012	3.0	2.5	NA	CH2M
	07/26/2012	3.5	3.3	NA	CH2M
	10/15/2012	3.3	2.7	NA	CH2M
	01/17/2013	3.1	2.9	NA	CH2M
	04/09/2013	3.6	3.2	NA	CH2M
	07/16/2013	3.6	3.2	NA	CH2M
	10/08/2013	1.5	1.4	NA	CH2M
	10/08/2013*	1.7	1.4	NA	CH2M
	01/23/2014	3.1	3.2	NA	CH2M
	04/17/2014	3.4	3.6	NA	CH2M
	07/09/2014	3.4	3.4	NA	CH2M
	10/07/2014	3.8	3.6	NA	CH2M
	01/13/2015	3.7	3.9	NA	CH2M
	04/02/2015	4.1	3.7	NA	CH2M
	07/08/2015	3.6	3.8	NA	CH2M
	10/13/2015	3.7	3.6	NA	Arcadis
	01/04/2016	3.6	3.7	NA	Arcadis
	04/05/2016	4.0	3.6	NA	Arcadis
	04/05/2016*	4.0	3.6	NA	Arcadis
	07/05/2016	3.4	3.5	NA	Arcadis
	10/12/2016	4.2	3.9	NA	Arcadis
	01/31/2017	3.9	3.9	NA	Arcadis
	04/04/2017	4.0	3.9	NA	Arcadis
	07/13/2017	3.7	3.9	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-136S1	10/18/2017	4.4	3.5	NA	Arcadis
	01/11/2018	4.1	4.0	NA	Arcadis
	04/04/2018	4.0	3.9	NA	Arcadis
	10/05/2018	4.0	3.7	NA	Arcadis
	04/03/2019	3.6	3.9	NA	Arcadis
	10/08/2019	4.0	3.6	NA	Arcadis
	04/08/2020	5.6	3.6	NA	Arcadis
	06/04/2020	4.2	4.0	NA	Arcadis
	10/05/2020	4.5	4.0	NA	Arcadis
	04/05/2021	4.0	3.7	NA	Arcadis
<i>No. of Samples:</i> 38					
MW-136S2	10/27/2011	ND (1.0)	ND (0.06 J)	NA	CH2M
	11/21/2011	ND (1.0)	ND (0.06)	NA	CH2M
	12/09/2011	ND (1.0)	ND (0.11)	NA	CH2M
	01/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/27/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.089)	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.1)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.078)	NA	CH2M
	10/13/2015	ND (1.0)	0.077	NA	Arcadis
	10/13/2015*	ND (1.0)	0.064	NA	Arcadis
	01/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/05/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2020	ND (1.0)	ND (0.2)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 34					
MW-137S1	11/21/2011	6.2	6.1	NA	CH2M
	12/09/2011	8.2	5.7	NA	CH2M
	01/26/2012	5.4	5.2	NA	CH2M
	04/27/2012	6.3	5.6	NA	CH2M
	07/30/2012	5.0	4.3	NA	CH2M
	10/15/2012	4.4	4.1	NA	CH2M
	01/23/2013	5.2	4.4	NA	CH2M
	04/09/2013	5.0	4.6	NA	CH2M
	07/16/2013	5.2	4.2	NA	CH2M
	10/11/2013	4.8	4.4	NA	CH2M
	01/23/2014	5.0	4.1	NA	CH2M
	01/23/2014*	5.1	4.1	NA	CH2M
	04/17/2014	4.8	4.8	NA	CH2M
	07/09/2014	4.8	4.6	NA	CH2M
	10/07/2014	5.0	4.7	NA	CH2M
	01/13/2015	4.7	5.1	NA	CH2M
	04/03/2015	4.9	4.8	NA	CH2M
	07/08/2015	4.5	4.7	NA	CH2M
	10/07/2015	5.0	4.6	NA	Arcadis
	01/04/2016	4.9	4.7	NA	Arcadis
	04/05/2016	5.2	4.6	NA	Arcadis
	07/07/2016	5.2	4.5	NA	Arcadis
	10/11/2016	5.1	4.7	NA	Arcadis
	02/03/2017	4.6	4.4	NA	Arcadis
	04/04/2017	5.0	4.8	NA	Arcadis
	07/14/2017	5.0	4.7	NA	Arcadis
	10/18/2017	6.5	4.3	NA	Arcadis
	11/27/2017	5.0	4.8	NA	Arcadis
	01/09/2018	7.6	4.2	NA	Arcadis
	03/06/2018	5.0	4.6	NA	Arcadis
	04/04/2018	4.5	4.5	NA	Arcadis
	10/05/2018	4.7	4.5	NA	Arcadis
	10/09/2019	5.4	4.3	NA	Arcadis
	10/05/2020	5.6	4.6	NA	Arcadis
No. of Samples: 34					
MW-137S2	10/27/2011	2.7	2.2	NA	CH2M
	11/21/2011	4.4	4.3	NA	CH2M
	12/09/2011	4.1	3.9	NA	CH2M
	01/26/2012	3.7	3.7	NA	CH2M
	04/27/2012	4.2	4.0	NA	CH2M
	07/30/2012	5.4	4.2	NA	CH2M
	10/15/2012	4.1	4.0	NA	CH2M
	01/23/2013	4.8	4.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-137S2	04/09/2013	5.1	4.4	NA	CH2M
	04/09/2013*	4.7	4.4	NA	CH2M
	07/16/2013	4.9	4.2	NA	CH2M
	10/11/2013	4.4	4.3	NA	CH2M
	01/23/2014	4.2	4.3	NA	CH2M
	04/17/2014	4.6	4.6	NA	CH2M
	07/09/2014	4.5	4.6	NA	CH2M
	10/07/2014	4.8	4.6	NA	CH2M
	01/13/2015	4.7	4.8	NA	CH2M
	04/03/2015	4.9	4.7	NA	CH2M
	07/08/2015	4.4	4.7	NA	CH2M
	10/07/2015	4.7	4.6	NA	Arcadis
	04/05/2016	5.4	4.7	NA	Arcadis
	10/11/2016	4.9	4.6	NA	Arcadis
	02/03/2017	4.9	4.4	NA	Arcadis
	04/04/2017	4.8	4.6	NA	Arcadis
	07/14/2017	4.7	4.6	NA	Arcadis
	10/18/2017	6.0	4.5	NA	Arcadis
	11/27/2017	4.8	4.7	NA	Arcadis
	04/04/2018	4.8	4.6	NA	Arcadis
	07/25/2018	5.2	4.7	NA	Arcadis
	10/05/2018	4.8	4.5	NA	Arcadis
	04/03/2019	4.5	4.8	NA	Arcadis
	10/09/2019	5.1	4.3	NA	Arcadis
	10/05/2020	5.2	4.5	NA	Arcadis
No. of Samples:		33			
MW-137S3	10/27/2011	2.3	1.6	NA	CH2M
	11/21/2011	2.3	2.3	NA	CH2M
	01/26/2012	2.5	2.5	NA	CH2M
	03/14/2012	2.0	2.0	NA	CH2M
	04/27/2012	2.2	2.0	NA	CH2M
	04/27/2012*	2.2	2.0	NA	CH2M
	07/30/2012	3.1	2.2	NA	CH2M
	10/15/2012	1.9	1.7	NA	CH2M
	01/23/2013	1.6	1.5	NA	CH2M
	04/09/2013	2.0	1.6	NA	CH2M
	07/16/2013	2.0	1.5	NA	CH2M
	07/16/2013*	1.9	1.5	NA	CH2M
	10/11/2013	1.9	1.8	NA	CH2M
	01/24/2014	1.5	1.7	NA	CH2M
	04/17/2014	2.2	2.1	NA	CH2M
	07/09/2014	2.0	2.0	NA	CH2M
	10/07/2014	3.4	3.3	NA	CH2M
	01/13/2015	5.4	5.6	NA	CH2M
	04/03/2015	2.1	2.0	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-137S3	04/03/2015*	2.1	1.9	NA	CH2M
	07/08/2015	2.2	2.3	NA	CH2M
	10/07/2015	4.5	4.1	NA	Arcadis
	01/04/2016	5.5	3.4	NA	Arcadis
	04/05/2016	3.1	3.0	NA	Arcadis
	07/07/2016	4.1	3.9	NA	Arcadis
	10/11/2016	5.1	4.7	NA	Arcadis
	01/04/2017	8.6	8.7	NA	Arcadis
	04/04/2017	1.9	1.7	NA	Arcadis
	07/14/2017	3.3	3.2	NA	Arcadis
	10/18/2017	7.7	6.7	NA	Arcadis
	01/09/2018	7.2	5.5	NA	Arcadis
	03/06/2018	6.6	6.4	NA	Arcadis
	10/05/2018	5.2	4.7	NA	Arcadis
	10/09/2019	11	8.9	NA	Arcadis
	12/04/2019	11	11	NA	Arcadis
	04/09/2020	13	13	NA	Arcadis
	10/05/2020	13	12	NA	Arcadis
	01/21/2021	19	18	NA	Arcadis
	04/08/2021	7.3	7.2	NA	Arcadis
No. of Samples: 39					
MW-138S1	01/26/2012	5.8	5.5	NA	CH2M
	02/23/2012	7.3	6.4	NA	CH2M
	03/15/2012	6.7	6.4	NA	CH2M
	03/15/2012*	6.8	6.4	NA	CH2M
	04/27/2012	6.3	5.9	NA	CH2M
	07/27/2012	5.6	5.3	NA	CH2M
	10/16/2012	5.5	4.9	NA	CH2M
	01/23/2013	5.2	4.8	NA	CH2M
	04/09/2013	5.5	4.9	NA	CH2M
	07/16/2013	5.1	5.0	NA	CH2M
	10/11/2013	4.8	5.0	NA	CH2M
	01/20/2014	5.3	4.9	NA	CH2M
	04/17/2014	5.1	5.3	NA	CH2M
	07/14/2014	5.2	5.0	NA	CH2M
	07/14/2014*	5.2	5.0	NA	CH2M
	10/07/2014	5.5	5.2	NA	CH2M
	01/13/2015	4.8	5.4	NA	CH2M
	04/03/2015	5.2	5.0	NA	CH2M
	07/08/2015	5.4	5.1	NA	CH2M
	10/07/2015	4.7	5.1	NA	Arcadis
	01/05/2016	5.2	5.1	NA	Arcadis
	04/05/2016	5.1	5.1	NA	Arcadis
	07/07/2016	5.0	5.0	NA	Arcadis
	10/12/2016	5.0	4.8	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-138S1	04/04/2017	5.1	5.0	NA	Arcadis
	10/05/2017	5.0	4.8	NA	Arcadis
	04/04/2018	4.6	4.9	NA	Arcadis
	10/09/2018	4.5	4.4	NA	Arcadis
	04/03/2019	4.8	4.8	NA	Arcadis
	10/09/2019	4.6	4.5	NA	Arcadis
	04/09/2020	5.0	4.5	NA	Arcadis
	10/05/2020	5.2	4.8	NA	Arcadis
	04/12/2021	4.9	4.9	NA	Arcadis
No. of Samples: 33					
MW-138S2	02/23/2012	4.5	4.1	NA	CH2M
	03/15/2012	4.3	4.3	NA	CH2M
	04/27/2012	4.7	4.2	NA	CH2M
	07/27/2012	4.2	4.2	NA	CH2M
	10/16/2012	5.1	4.2	NA	CH2M
	01/23/2013	4.5	4.3	NA	CH2M
	04/09/2013	4.8	4.3	NA	CH2M
	07/16/2013	4.6	4.2	NA	CH2M
	10/11/2013	4.2	4.3	NA	CH2M
	01/20/2014	4.7	4.3	NA	CH2M
	04/17/2014	6.2	6.7	NA	CH2M
	07/14/2014	4.4	4.3	NA	CH2M
	10/07/2014	4.7	4.6	NA	CH2M
	01/13/2015	4.5	4.8	NA	CH2M
	04/03/2015	5.0	4.4	NA	CH2M
	07/08/2015	4.2	4.6	NA	CH2M
	07/08/2015*	4.2	4.6	NA	CH2M
	10/07/2015	4.2	4.6	NA	Arcadis
	04/05/2016	4.7	4.5	NA	Arcadis
	10/12/2016	4.7	4.5	NA	Arcadis
	10/05/2017	6.8	4.4	NA	Arcadis
	11/30/2017	4.3	4.6	NA	Arcadis
	10/09/2018	4.7	4.4	NA	Arcadis
	10/09/2019	4.6	4.5	NA	Arcadis
	10/05/2020	4.9	4.6	NA	Arcadis
No. of Samples: 25					
MW-139S1	01/26/2012	6.4	6.3	NA	CH2M
	02/23/2012	9.3	9.0	NA	CH2M
	03/14/2012	11.5	11.6	NA	CH2M
	04/26/2012	13.2	12.6	NA	CH2M
	07/27/2012	9.7	9.3	NA	CH2M
	10/16/2012	7.3	7.1	NA	CH2M
	01/23/2013	6.0	6.1	NA	CH2M
	04/10/2013	5.8	5.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-139S1	07/18/2013	5.7	5.2	NA	CH2M
	10/10/2013	5.1	5.1	NA	CH2M
	01/20/2014	5.2	4.9	NA	CH2M
	04/17/2014	4.8	5.2	NA	CH2M
	07/09/2014	5.1	5.0	NA	CH2M
	10/07/2014	5.0	5.2	NA	CH2M
	01/13/2015	4.8	5.2	NA	CH2M
	01/13/2015*	4.6	5.2	NA	CH2M
	04/03/2015	4.8	4.8	NA	CH2M
	07/08/2015	4.6	4.7	NA	CH2M
	10/07/2015	4.4	4.7	NA	Arcadis
	01/05/2016	4.6	4.6	NA	Arcadis
	04/05/2016	4.7	4.3	NA	Arcadis
	07/07/2016	4.1	4.3	NA	Arcadis
	10/20/2016	4.5	4.1	NA	Arcadis
	04/04/2017	4.0	4.0	NA	Arcadis
	10/03/2017	4.8	4.0	NA	Arcadis
	10/03/2017*	4.6	3.9	NA	Arcadis
	04/04/2018	3.7	3.7	NA	Arcadis
	10/09/2018	3.8	3.8	NA	Arcadis
	04/03/2019	3.9	3.6	NA	Arcadis
	04/03/2019*	3.6	3.6	NA	Arcadis
	10/09/2019	3.8	3.5	NA	Arcadis
	04/09/2020	3.5	3.3	NA	Arcadis
	10/08/2020	4.0	3.5	NA	Arcadis
	04/07/2021	4.2	3.7	NA	Arcadis
No. of Samples:		34			
MW-139S2	01/26/2012	ND (1.0)	0.46	NA	CH2M
	02/23/2012	1.7	0.98	NA	CH2M
	03/13/2012	1.5	1.2	NA	CH2M
	04/26/2012	1.2	0.58	NA	CH2M
	07/27/2012	1.5	1.2	NA	CH2M
	10/16/2012	ND (1.0)	0.47	NA	CH2M
	01/23/2013	1.4	1.1	NA	CH2M
	01/23/2013*	1.5	1.1	NA	CH2M
	04/10/2013	ND (1.0)	0.49	NA	CH2M
	07/15/2013	1.9	1.5	NA	CH2M
	10/10/2013	1.2	0.97	NA	CH2M
	01/20/2014	1.9	1.2	NA	CH2M
	04/17/2014	2.0	1.8	NA	CH2M
	07/09/2014	2.1	1.5	NA	CH2M
	10/07/2014	2.5	2.2	NA	CH2M
	01/13/2015	1.8	1.8	NA	CH2M
	04/03/2015	1.4	1.2	NA	CH2M
	07/08/2015	1.4	1.3	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-139S2	10/07/2015	2.3	1.2	NA	Arcadis
	12/09/2015	1.2	1.1	NA	Arcadis
	04/05/2016	1.6	1.2	NA	Arcadis
	10/20/2016	1.6	1.2	NA	Arcadis
	10/20/2016*	1.6	1.2	NA	Arcadis
	10/04/2017	ND (1.0)	0.51	NA	Arcadis
	10/09/2018	1.3	1.1	NA	Arcadis
	10/09/2019	1.1	1.2	NA	Arcadis
	10/08/2020	3.5	1.7	NA	Arcadis
	12/01/2020	2.3	2.1	NA	Arcadis
No. of Samples: 28					
MW-140S1	05/15/2012	4.1	4.2	NA	CH2M
	06/05/2012	4.9	4.4	NA	CH2M
	07/19/2012	4.2	4.5	NA	CH2M
	10/16/2012	4.8	4.3	NA	CH2M
	10/16/2012*	4.8	4.3	NA	CH2M
	01/23/2013	4.8	4.5	NA	CH2M
	04/10/2013	4.6	4.4	NA	CH2M
	07/15/2013	4.6	4.1	NA	CH2M
	10/11/2013	4.4	4.4	NA	CH2M
	01/20/2014	4.3	4.2	NA	CH2M
	04/18/2014	4.8	4.6	NA	CH2M
	04/18/2014*	4.8	4.6	NA	CH2M
	07/23/2014	4.8	4.7	NA	CH2M
	10/08/2014	4.4	4.8	NA	CH2M
	01/14/2015	4.1	4.6	NA	CH2M
	04/03/2015	4.9	4.8	NA	CH2M
	07/08/2015	4.5	4.7	NA	CH2M
	10/12/2015	4.7	4.8	NA	Arcadis
	01/05/2016	4.9	4.8	NA	Arcadis
	04/08/2016	6.2	4.5	NA	Arcadis
	04/08/2016*	6.1	4.5	NA	Arcadis
	07/08/2016	5.3	4.7	NA	Arcadis
	10/12/2016	4.9	4.7	NA	Arcadis
	04/04/2017	4.7	4.8	NA	Arcadis
	10/04/2017	5.2	4.2	NA	Arcadis
	04/04/2018	5.0	4.8	NA	Arcadis
	10/09/2018	5.1	4.6	NA	Arcadis
	04/03/2019	5.2	4.8	NA	Arcadis
	10/09/2019	5.2	4.6	NA	Arcadis
	10/09/2019*	6.0	4.3	NA	Arcadis
	12/04/2019	4.5	4.9	NA	Arcadis
	04/09/2020	4.8	4.8	NA	Arcadis
	10/08/2020	5.9	4.8	NA	Arcadis
	04/07/2021	5.2	5.1	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 34					
MW-140S2	05/15/2012	3.2	3.6	NA	CH2M
	06/05/2012	4.1	3.7	NA	CH2M
	07/19/2012	3.4	3.6	NA	CH2M
	10/16/2012	4.2	3.6	NA	CH2M
	01/23/2013	3.8	3.8	NA	CH2M
	04/10/2013	4.3	3.7	NA	CH2M
	07/15/2013	4.0	3.7	NA	CH2M
	10/11/2013	3.1	3.3	NA	CH2M
	01/20/2014	4.0	3.8	NA	CH2M
	04/18/2014	4.0	4.0	NA	CH2M
	07/23/2014	4.2	4.0	NA	CH2M
	10/08/2014	3.8	4.0	NA	CH2M
	01/14/2015	3.9	4.2	NA	CH2M
	04/03/2015	4.1	4.0	NA	CH2M
	07/08/2015	3.9	4.0	NA	CH2M
	10/12/2015	3.8	4.1	NA	Arcadis
	04/08/2016	4.2	3.9	NA	Arcadis
	10/12/2016	3.9	3.9	NA	Arcadis
	10/04/2017	4.0	3.8	NA	Arcadis
	10/09/2018	3.9	3.7	NA	Arcadis
	10/09/2018*	3.9	3.8	NA	Arcadis
	10/09/2019	4.5	3.6	NA	Arcadis
	10/08/2020	4.6	3.9	NA	Arcadis
No. of Samples: 23					
MW-140S3	05/15/2012	3.5	2.9	NA	CH2M
	06/05/2012	3.6	3.0	NA	CH2M
	07/19/2012	2.7	2.9	NA	CH2M
	10/09/2012	3.3	3.0	NA	CH2M
	01/29/2013	3.3	3.4	NA	CH2M
	04/10/2013	3.3	3.1	NA	CH2M
	04/10/2013*	3.2	3.1	NA	CH2M
	07/15/2013	3.4	3.1	NA	CH2M
	10/11/2013	3.2	3.2	NA	CH2M
	01/20/2014	3.5	3.3	NA	CH2M
	04/18/2014	3.5	3.4	NA	CH2M
	07/23/2014	3.5	3.5	NA	CH2M
	10/08/2014	3.3	3.5	NA	CH2M
	01/14/2015	3.3	3.6	NA	CH2M
	04/03/2015	3.6	3.5	NA	CH2M
	07/08/2015	3.7	3.6	NA	CH2M
	10/12/2015	3.5	3.5	NA	Arcadis
	10/12/2016	3.6	3.4	NA	Arcadis
	04/04/2017	3.3	3.5	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-140S3	10/04/2017	3.8	3.4	NA	Arcadis
	10/09/2018	3.3	3.3	NA	Arcadis
	10/09/2019	3.4	3.2	NA	Arcadis
	10/08/2020	4.2	3.6	NA	Arcadis
No. of Samples: 23					
MW-141D	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	0.65	NA	CH2M
	04/18/2014	ND (1.0)	0.68	NA	CH2M
	07/23/2014	ND (1.0)	0.07	NA	CH2M
	10/08/2014	ND (1.0)	0.69	NA	CH2M
	10/08/2014*	ND (1.0)	0.72	NA	CH2M
	01/14/2015	ND (1.0)	0.92	NA	CH2M
	04/03/2015	ND (1.0)	1.2	NA	CH2M
	07/08/2015	ND (1.0)	0.34	NA	CH2M
	10/12/2015	ND (1.0)	ND (0.33)	NA	Arcadis
	10/12/2015*	ND (1.0)	1.3	NA	Arcadis
	10/12/2016	ND (1.0)	0.21	NA	Arcadis
	10/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 18					
MW-141S1	09/11/2013	3.5	3.6	NA	CH2M
	10/11/2013	2.3	2.3	NA	CH2M
	10/11/2013*	2.4	2.3	NA	CH2M
	01/20/2014	3.2	2.8	NA	CH2M
	04/18/2014	3.6	3.8	NA	CH2M
	07/23/2014	4.0	3.4	NA	CH2M
	10/08/2014	3.4	3.4	NA	CH2M
	01/14/2015	3.5	3.5	NA	CH2M
	04/03/2015	3.3	3.1	NA	CH2M
	07/08/2015	3.4	3.6	NA	CH2M
	10/12/2015	3.5	3.5	NA	Arcadis
	04/08/2016	4.1	2.9	NA	Arcadis
	05/31/2016	3.3	3.6	NA	Arcadis
	10/12/2016	3.4	3.4	NA	Arcadis
	10/04/2017	7.2	3.2	NA	Arcadis
	11/30/2017	3.7	3.7	NA	Arcadis
	10/08/2018	3.7	3.4	NA	Arcadis
	10/09/2019	4.2	3.5	NA	Arcadis
	10/08/2020	4.4	3.9	NA	Arcadis
No. of Samples: 19					

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-141S2	09/11/2013	3.5	3.5	NA	CH2M
	10/11/2013	3.5	3.7	NA	CH2M
	01/20/2014	4.0	3.8	NA	CH2M
	04/18/2014	4.0	4.2	NA	CH2M
	07/23/2014	4.5	4.0	NA	CH2M
	10/08/2014	3.8	4.1	NA	CH2M
	01/14/2015	4.0	4.2	NA	CH2M
	04/03/2015	4.2	4.0	NA	CH2M
	07/08/2015	3.8	4.1	NA	CH2M
	07/08/2015*	3.9	4.2	NA	CH2M
	10/12/2015	3.9	4.1	NA	Arcadis
	01/05/2016	4.9	4.2	NA	Arcadis
	04/08/2016	5.0	3.8	NA	Arcadis
	05/31/2016	4.0	4.1	NA	Arcadis
	07/12/2016	4.9	4.1	NA	Arcadis
	10/12/2016	4.1	4.0	NA	Arcadis
	10/12/2016*	4.0	4.0	NA	Arcadis
	04/04/2017	3.9	4.0	NA	Arcadis
	10/04/2017	4.5	3.9	NA	Arcadis
	04/04/2018	4.0	4.1	NA	Arcadis
	10/08/2018	4.1	4.0	NA	Arcadis
	04/03/2019	4.7	4.0	NA	Arcadis
	10/09/2019	3.9	3.9	NA	Arcadis
	04/24/2020	4.4	4.1	NA	Arcadis
	10/08/2020	4.6	3.9	NA	Arcadis
	04/07/2021	4.5	4.1	NA	Arcadis
No. of Samples: 26					
MW-142S1	01/26/2012	7.2	6.9	NA	CH2M
	02/23/2012	8.6	8.1	NA	CH2M
	03/13/2012	8.3	8.2	NA	CH2M
	04/24/2012	9.8	9.0	NA	CH2M
	04/24/2012*	9.3	9.0	NA	CH2M
	07/30/2012	9.4	8.5	NA	CH2M
	07/30/2012*	9.1	8.5	NA	CH2M
	10/12/2012	7.2	6.6	NA	CH2M
	01/22/2013	7.1	6.6	NA	CH2M
	04/10/2013	7.2	6.6	NA	CH2M
	07/15/2013	5.9	5.0	NA	CH2M
	10/14/2013	5.7	5.8	NA	CH2M
	01/21/2014	6.3	5.7	NA	CH2M
	01/21/2014*	6.4	5.7	NA	CH2M
	04/18/2014	6.1	6.4	NA	CH2M
	07/15/2014	5.7	5.7	NA	CH2M
	10/09/2014	4.7	5.1	NA	CH2M
	01/14/2015	5.3	5.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-142S1	04/03/2015	5.9	5.1	NA	CH2M
	07/09/2015	5.8	5.0	NA	CH2M
	10/16/2015	6.2	5.7	NA	Arcadis
	01/05/2016	5.3	5.2	NA	Arcadis
	04/05/2016	4.1	3.8	NA	Arcadis
	07/12/2016	4.4	4.5	NA	Arcadis
	10/12/2016	4.6	4.4	NA	Arcadis
	04/06/2017	4.1	4.0	NA	Arcadis
	10/18/2017	3.9	3.5	NA	Arcadis
	10/08/2018	3.7	2.8	NA	Arcadis
	10/09/2019	3.4	2.7	NA	Arcadis
	10/09/2019*	3.1	2.6	NA	Arcadis
	10/07/2020	1.8	1.3	NA	Arcadis
No. of Samples: 31					
MW-142S2	01/26/2012	2.4	2.0	NA	CH2M
	02/23/2012	2.7	2.3	NA	CH2M
	02/23/2012*	2.6	2.4	NA	CH2M
	03/13/2012	2.5	2.4	NA	CH2M
	04/24/2012	1.9	1.3	NA	CH2M
	07/30/2012	1.3	0.93	NA	CH2M
	10/12/2012	1.9	1.8	NA	CH2M
	01/22/2013	2.3	2.1	NA	CH2M
	04/10/2013	2.4	2.0	NA	CH2M
	07/15/2013	2.6	2.4	NA	CH2M
	10/14/2013	2.6	2.3	NA	CH2M
	01/20/2014	2.5	2.5	NA	CH2M
	04/18/2014	2.8	2.8	NA	CH2M
	07/15/2014	2.8	2.8	NA	CH2M
	10/08/2014	3.2	3.1	NA	CH2M
	01/14/2015	3.0	2.9	NA	CH2M
	04/03/2015	3.3	3.2	NA	CH2M
	07/09/2015	3.3	3.2	NA	CH2M
	10/16/2015	3.0	3.0	NA	Arcadis
	04/05/2016	3.5	3.1	NA	Arcadis
	10/12/2016	3.1	3.0	NA	Arcadis
	02/02/2017	3.3	2.9	NA	Arcadis
	04/06/2017	3.0	2.8	NA	Arcadis
	07/12/2017	2.8	3.0	NA	Arcadis
	10/18/2017	3.2 J	3.1	NA	Arcadis
	04/04/2018	3.2	3.3	NA	Arcadis
	10/08/2018	3.3	2.9	NA	Arcadis
	04/03/2019	3.3	3.2	NA	Arcadis
	10/09/2019	3.1	2.6	NA	Arcadis
	10/07/2020	3.9	3.2	NA	Arcadis
	04/07/2021	3.3	2.9	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 31					
MW-142S3	01/26/2012	3.1	2.8	NA	CH2M
	02/23/2012	3.2	3.0	NA	CH2M
	03/13/2012	3.1	3.0	NA	CH2M
	04/24/2012	3.4	2.9	NA	CH2M
	07/30/2012	4.0	3.5	NA	CH2M
	10/08/2012	3.4	3.4	NA	CH2M
	01/22/2013	2.4	2.1	NA	CH2M
	04/10/2013	3.0	2.8	NA	CH2M
	07/15/2013	3.1	2.8	NA	CH2M
	10/14/2013	3.0	2.7	NA	CH2M
	01/20/2014	3.6	2.7	NA	CH2M
	04/18/2014	2.8	2.9	NA	CH2M
	07/15/2014	2.9	2.8	NA	CH2M
	10/08/2014	2.8	2.7	NA	CH2M
	01/14/2015	2.8	2.9	NA	CH2M
	04/03/2015	2.9	2.9	NA	CH2M
	04/03/2015*	2.9	2.9	NA	CH2M
	07/09/2015	3.1	2.9	NA	CH2M
	10/16/2015	2.9	2.9	NA	Arcadis
	10/12/2016	3.4	2.7	NA	Arcadis
	10/18/2017	2.9	2.9	NA	Arcadis
	10/08/2018	3.1	2.7	NA	Arcadis
	10/09/2019	3.0	2.8	NA	Arcadis
	04/07/2020	2.6	2.6	NA	Arcadis
	10/07/2020	3.4	2.8	NA	Arcadis
No. of Samples: 25					
MW-143D1	12/07/2011	2.0	2.0	NA	CH2M
	01/26/2012	3.4	2.4	NA	CH2M
	02/23/2012	2.9	2.6	NA	CH2M
	04/24/2012	4.4	3.5	NA	CH2M
	07/20/2012	3.7	3.4	NA	CH2M
	10/09/2012	3.2	3.1	NA	CH2M
	10/09/2012*	3.3	2.9	NA	CH2M
	01/16/2013	3.2	2.8	NA	CH2M
	04/09/2013	2.7	2.6	NA	CH2M
	07/15/2013	4.7	3.5	NA	CH2M
	10/18/2013	2.3	2.2	NA	CH2M
	01/23/2014	2.3	2.2	NA	CH2M
	04/08/2014	2.2	2.3	NA	CH2M
	07/14/2014	2.0	2.0	NA	CH2M
	10/13/2014	2.2	2.1	NA	CH2M
	01/16/2015	2.0	2.2	NA	CH2M
	01/16/2015*	2.1	2.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-143D1	04/13/2015	1.9	2.1	NA	CH2M
	07/14/2015	2.1	2.1	NA	CH2M
	10/12/2015	2.3	2.0	NA	Arcadis
	04/12/2021	2.9	2.6	NA	Arcadis
No. of Samples: 21					
MW-143D2	12/07/2011	2.0	2.2	NA	CH2M
	01/26/2012	2.6	2.2	NA	CH2M
	02/23/2012	2.1	1.8	NA	CH2M
	04/24/2012	2.2	1.6	NA	CH2M
	07/20/2012	2.1	1.5	NA	CH2M
	10/12/2012	2.3	1.6	NA	CH2M
	01/16/2013	2.0	1.6	NA	CH2M
	04/09/2013	1.7	1.5	NA	CH2M
	07/15/2013	2.2	1.6	NA	CH2M
	10/18/2013	1.4	1.5	NA	CH2M
	01/23/2014	1.6	1.4	NA	CH2M
	04/08/2014	1.6	1.6	NA	CH2M
	07/14/2014	1.4	1.4	NA	CH2M
	10/13/2014	1.6	1.4	NA	CH2M
	01/16/2015	1.7	1.6	NA	CH2M
	04/13/2015	1.4	1.5	NA	CH2M
	07/14/2015	1.4	1.3	NA	CH2M
	10/12/2015	1.6	1.4	NA	Arcadis
	04/08/2016	1.8	1.6	NA	Arcadis
	07/13/2016	1.8	1.6	NA	Arcadis
	10/31/2016	1.6	1.4	NA	Arcadis
	01/06/2017	1.7	1.5	NA	Arcadis
	04/13/2017	1.8	1.6	NA	Arcadis
	07/20/2017	1.8	1.6	NA	Arcadis
	10/16/2017	1.7	1.6	NA	Arcadis
	01/16/2018	1.8	1.6	NA	Arcadis
	04/12/2021	2.1	1.7	NA	Arcadis
No. of Samples: 27					
MW-143S	12/07/2011	8.2	8.3	NA	CH2M
	12/14/2011	6.7	6.6	NA	CH2M
	01/26/2012	5.7	4.5	NA	CH2M
	02/23/2012	4.0	3.8	NA	CH2M
	04/24/2012	4.0	3.0	NA	CH2M
	07/20/2012	3.6	3.0	NA	CH2M
	10/12/2012	3.5	3.2	NA	CH2M
	01/16/2013	4.0	3.1	NA	CH2M
	04/09/2013	3.2	3.0	NA	CH2M
	07/15/2013	4.2	3.0	NA	CH2M
	10/18/2013	3.2	2.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-143S	01/23/2014	3.0	2.6	NA	CH2M
	04/08/2014	2.9	3.0	NA	CH2M
	07/14/2014	2.8	2.8	NA	CH2M
	10/13/2014	3.4	2.5	NA	CH2M
	01/16/2015	3.4	2.9	NA	CH2M
	04/13/2015	2.9	2.9	NA	CH2M
	07/14/2015	2.7	2.8	NA	CH2M
	10/12/2015	3.8	2.5	NA	Arcadis
	12/09/2015	11	3.1	NA	Arcadis
	04/08/2016	3.2	3.4	NA	Arcadis
	07/13/2016	3.5	3.4	NA	Arcadis
	11/01/2016	3.4	3.6	NA	Arcadis
	01/11/2017	3.8	3.6	NA	Arcadis
	04/13/2017	3.6	3.9	NA	Arcadis
	07/20/2017	3.4	4.0	NA	Arcadis
<i>No. of Samples:</i> 26					
MW-144D1	12/08/2011	2.3	2.0	NA	CH2M
	01/26/2012	1.2	1.0	NA	CH2M
	02/24/2012	ND (1.0)	0.5	NA	CH2M
	04/26/2012	ND (1.0)	0.39	NA	CH2M
	07/13/2012	ND (1.0)	0.3	NA	CH2M
	10/11/2012	ND (1.0)	0.31	NA	CH2M
	01/29/2013	ND (1.0)	0.55	NA	CH2M
	04/11/2013	ND (1.0)	0.53	NA	CH2M
	07/15/2013	ND (1.0)	0.32	NA	CH2M
	10/18/2013	ND (1.0)	0.51	NA	CH2M
	01/23/2014	ND (1.0)	0.49	NA	CH2M
	04/08/2014	ND (1.0)	0.62	NA	CH2M
	07/14/2014	ND (1.0)	0.7	NA	CH2M
	10/13/2014	ND (1.0)	0.59	NA	CH2M
	10/13/2014*	1.0	0.6	NA	CH2M
	01/13/2015	ND (1.0)	0.56	NA	CH2M
	04/13/2015	ND (1.0)	0.65	NA	CH2M
	07/14/2015	ND (1.0)	0.67	NA	CH2M
	10/12/2015	ND (1.0)	0.67	NA	Arcadis
	10/12/2015*	ND (1.0)	0.6	NA	Arcadis
	04/12/2021	1.6	1.1	NA	Arcadis
<i>No. of Samples:</i> 21					
MW-144D2	12/08/2011	ND (1.0)	0.74	NA	CH2M
	01/26/2012	1.4	0.6	NA	CH2M
	02/24/2012	ND (1.0)	0.6	NA	CH2M
	04/26/2012	ND (1.0)	0.6	NA	CH2M
	07/20/2012	1.4	0.52	NA	CH2M
	10/11/2012	ND (1.0)	0.56	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-144D2	01/24/2013	ND (1.0)	0.58	NA	CH2M
	04/11/2013	ND (1.0)	0.6	NA	CH2M
	07/15/2013	ND (1.0)	0.54	NA	CH2M
	10/18/2013	ND (1.0)	0.5	NA	CH2M
	01/23/2014	ND (1.0)	0.51	NA	CH2M
	04/08/2014	ND (1.0)	0.65	NA	CH2M
	07/14/2014	ND (1.0)	0.6	NA	CH2M
	10/13/2014	ND (1.0)	0.57	NA	CH2M
	01/13/2015	ND (1.0)	0.53	NA	CH2M
	04/13/2015	ND (1.0)	0.27	NA	CH2M
	07/14/2015	ND (1.0)	0.59	NA	CH2M
	10/12/2015	ND (1.0)	0.51	NA	Arcadis
	04/12/2021	1.0	0.61	NA	Arcadis
No. of Samples:		19			
MW-144S	12/08/2011	1.6	1.6	NA	CH2M
	01/26/2012	1.9	0.85	NA	CH2M
	02/24/2012	ND (1.0)	0.83	NA	CH2M
	04/26/2012	ND (1.0)	1.1	NA	CH2M
	07/20/2012	1.9	1.4	NA	CH2M
	10/11/2012	1.2	1.1	NA	CH2M
	01/24/2013	1.0	1.0	NA	CH2M
	04/11/2013	ND (1.0)	0.96	NA	CH2M
	07/15/2013	1.1	0.88	NA	CH2M
	10/18/2013	1.3	1.1	NA	CH2M
	01/23/2014	1.0	0.92	NA	CH2M
	04/08/2014	1.1	0.97	NA	CH2M
	07/14/2014	1.1	1.1	NA	CH2M
	10/06/2014	1.4	1.4	NA	CH2M
	01/13/2015	1.3	1.1	NA	CH2M
	04/13/2015	ND (1.0)	0.94	NA	CH2M
	07/14/2015	ND (1.0)	0.86	NA	CH2M
	10/12/2015	ND (1.0)	0.88	NA	Arcadis
No. of Samples:		18			
MW-145D1	12/06/2011	3.0	2.8	NA	CH2M
	01/26/2012	2.4	2.1	NA	CH2M
	02/24/2012	2.4	2.4	NA	CH2M
	04/24/2012	2.6	2.5	NA	CH2M
	07/30/2012	1.7	1.2	NA	CH2M
	10/16/2012	3.0	2.2	NA	CH2M
	01/24/2013	2.8	2.3	NA	CH2M
	04/01/2013	2.4	2.5	NA	CH2M
	07/10/2013	2.6	2.7	NA	CH2M
	07/10/2013*	2.7	2.7	NA	CH2M
	10/09/2013	2.5	2.5	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-145D1	01/13/2014	3.1	2.5	NA	CH2M
	04/08/2014	2.9	2.7	NA	CH2M
	07/14/2014	3.1	2.9	NA	CH2M
	10/13/2014	2.8	2.7	NA	CH2M
	01/14/2015	2.6	2.7	NA	CH2M
	04/13/2015	3.1	3.1	NA	CH2M
	07/14/2015	3.0	3.1	NA	CH2M
	07/14/2015*	3.2	3.1	NA	CH2M
	10/07/2015	2.9	3.0	NA	Arcadis
	04/14/2021	2.9	2.5	NA	Arcadis
	04/14/2021*	2.9	2.5	NA	Arcadis
No. of Samples: 22					
MW-145D2	12/06/2011	ND (1.0)	ND (0.092)	NA	CH2M
	01/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.07)	NA	CH2M
	10/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2014	ND (1.0)	ND (0.061)	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/14/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 20					
MW-145S	12/06/2011	2.9	1.6	NA	CH2M
	01/26/2012	5.5	4.5	NA	CH2M
	02/24/2012	4.1	3.8	NA	CH2M
	04/25/2012	4.0	3.3	NA	CH2M
	04/25/2012*	4.0	3.3	NA	CH2M
	07/30/2012	3.2	2.9	NA	CH2M
	10/16/2012	3.3	2.5	NA	CH2M
	01/24/2013	3.5	3.5	NA	CH2M
	04/08/2013	1.0	0.92	NA	CH2M
	06/04/2013	3.0	3.4	NA	CH2M
	07/31/2013	3.8	3.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-145S	10/18/2013	3.1	2.9	NA	CH2M
	01/23/2014	3.1	2.9	NA	CH2M
	04/08/2014	3.9	3.2	NA	CH2M
	04/08/2014*	3.7	3.2	NA	CH2M
	07/14/2014	3.5	3.0	NA	CH2M
	10/13/2014	3.3	3.1	NA	CH2M
	01/14/2015	3.2	3.3	NA	CH2M
	04/13/2015	3.2	3.1	NA	CH2M
	07/14/2015	3.3	3.2	NA	CH2M
	10/07/2015	2.7	2.4	NA	Arcadis
	01/13/2016	7.7	6.1	NA	Arcadis
	03/01/2016	3.4	3.3	NA	Arcadis
	04/08/2016	3.0	2.7	NA	Arcadis
	07/13/2016	3.1	2.8	NA	Arcadis
	10/31/2016	3.6	3.1	NA	Arcadis
	01/06/2017	6.9	3.2	NA	Arcadis
	03/06/2017	3.2	2.5	NA	Arcadis
	04/13/2017	2.9	2.8	NA	Arcadis
	01/17/2018	2.7	2.4	NA	Arcadis
No. of Samples:		30			
MW-146D1	12/13/2011	2.2	1.9	NA	CH2M
	01/26/2012	1.7	1.8	NA	CH2M
	02/24/2012	1.6	1.6	NA	CH2M
	04/25/2012	2.0	1.4	NA	CH2M
	07/30/2012	1.3	1.2	NA	CH2M
	10/12/2012	2.6	1.2	NA	CH2M
	01/24/2013	1.8	1.5	NA	CH2M
	04/11/2013	1.5	1.4	NA	CH2M
	07/30/2013	1.6	1.3	NA	CH2M
	10/18/2013	1.8	1.2	NA	CH2M
	01/23/2014	1.6	1.4	NA	CH2M
	04/08/2014	1.7	1.6	NA	CH2M
	07/14/2014	1.7	1.2	NA	CH2M
	10/13/2014	1.4	1.4	NA	CH2M
	01/14/2015	1.5	1.5	NA	CH2M
	04/13/2015	1.6	1.3	NA	CH2M
	07/14/2015	1.5	1.4	NA	CH2M
	10/07/2015	1.7	1.4	NA	Arcadis
	04/12/2017	1.9	1.4	NA	Arcadis
	07/20/2017	1.5	1.3	NA	Arcadis
	10/16/2017	1.6	1.5	NA	Arcadis
	01/17/2018	2.4	1.3	NA	Arcadis
	03/06/2018	1.5	1.3	NA	Arcadis
	04/14/2021	1.9	1.7	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 24					
MW-146D2	12/13/2011	3.0	2.6	NA	CH2M
	01/26/2012	2.5	2.4	NA	CH2M
	02/24/2012	2.4	2.4	NA	CH2M
	04/25/2012	2.7	2.3	NA	CH2M
	07/30/2012	2.7	2.2	NA	CH2M
	10/12/2012	2.5	2.1	NA	CH2M
	01/24/2013	2.7	2.3	NA	CH2M
	04/11/2013	2.3	2.3	NA	CH2M
	07/30/2013	2.5	2.1	NA	CH2M
	10/18/2013	2.5	2.0	NA	CH2M
	01/23/2014	2.2	2.2	NA	CH2M
	04/08/2014	2.6	2.3	NA	CH2M
	07/14/2014	2.5	2.3	NA	CH2M
	07/14/2014*	2.4	2.2	NA	CH2M
	10/13/2014	2.2	2.2	NA	CH2M
	01/14/2015	2.3	2.4	NA	CH2M
	04/13/2015	2.5	2.3	NA	CH2M
	07/14/2015	2.4	2.3	NA	CH2M
	10/07/2015	2.4	2.3	NA	Arcadis
	04/14/2021	2.6	2.5	NA	Arcadis
No. of Samples: 20					
MW-146S	12/13/2011	1.9	1.5	NA	CH2M
	01/26/2012	1.1	0.92	NA	CH2M
	02/24/2012	1.1	1.0	NA	CH2M
	04/25/2012	1.4	1.1	NA	CH2M
	07/30/2012	1.2	1.1	NA	CH2M
	10/12/2012	1.2	1.0	NA	CH2M
	01/24/2013	1.1	0.88	NA	CH2M
	04/11/2013	ND (1.0)	0.98	NA	CH2M
	07/31/2013	1.7	1.3	NA	CH2M
	10/18/2013	1.5	1.2	NA	CH2M
	10/18/2013*	1.5	1.2	NA	CH2M
	01/23/2014	1.0	0.93	NA	CH2M
	04/08/2014	1.2	1.2	NA	CH2M
	07/14/2014	1.7	1.5	NA	CH2M
	10/13/2014	1.1	1.2	NA	CH2M
	01/14/2015	ND (1.0)	1.1	NA	CH2M
	01/14/2015*	1.0	1.0	NA	CH2M
	04/13/2015	1.4	1.2	NA	CH2M
	07/14/2015	1.5	1.5	NA	CH2M
	10/07/2015	1.3	1.1	NA	Arcadis
	04/12/2017	3.0	2.5	NA	Arcadis
	07/20/2017	1.8	1.8	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 22					
MW-147D	12/21/2011	1.6	1.4	NA	CH2M
	01/26/2012	2.5	1.2	NA	CH2M
	01/26/2012*	2.1	1.2	NA	CH2M
	02/23/2012	1.6	1.2	NA	CH2M
	04/25/2012	1.7	1.3	NA	CH2M
	07/26/2012	1.4	1.2	NA	CH2M
	10/12/2012	2.3	1.2	NA	CH2M
	01/22/2013	1.6	1.4	NA	CH2M
	04/04/2013	1.8	1.3	NA	CH2M
	07/11/2013	1.8	1.4	NA	CH2M
	10/09/2013	1.6	1.5	NA	CH2M
	01/22/2014	1.7	1.4	NA	CH2M
	01/22/2014*	1.8	1.4	NA	CH2M
	04/02/2014	2.4	1.7	NA	CH2M
	07/08/2014	2.1	1.6	NA	CH2M
	10/15/2014	2.1	1.8	NA	CH2M
	01/21/2015	2.6	1.8	NA	CH2M
	04/09/2015	2.0	1.9	NA	CH2M
	07/15/2015	2.0	2.0	NA	CH2M
	10/19/2015	2.1	2.1	NA	Arcadis
	04/19/2016	2.1	2.0	NA	Arcadis
	04/19/2016*	1.9	2.0	NA	Arcadis
	10/17/2016	2.0	2.0	NA	Arcadis
	04/13/2017	1.9	2.0	NA	Arcadis
	10/11/2017	1.8	1.6	NA	Arcadis
	10/11/2017*	1.7	1.6	NA	Arcadis
	04/11/2018	2.1	1.7	NA	Arcadis
	10/15/2018	2.3	1.9	NA	Arcadis
	04/09/2019	2.3	1.9	NA	Arcadis
	10/17/2019	2.5	1.8	NA	Arcadis
	04/14/2020	2.3	ND (0.2)	NA	Arcadis
	06/04/2020	2.0	1.7	NA	Arcadis
	10/14/2020	2.7	1.9	NA	Arcadis
	04/12/2021	2.1	1.9	NA	Arcadis
No. of Samples: 34					
MW-147S	12/07/2011*	1.9	2.0	NA	CH2M
	12/13/2011	2.2	2.1	NA	CH2M
	12/13/2011*	1.9	2.1	NA	CH2M
	01/26/2012	4.5	2.4	NA	CH2M
	02/23/2012	2.4	2.0	NA	CH2M
	04/25/2012	2.3	2.1	NA	CH2M
	07/26/2012	1.9	1.8	NA	CH2M
	10/12/2012	2.4	2.3	NA	CH2M

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-147S	01/22/2013	3.6	3.7	NA	CH2M
	02/21/2013	2.1	2.4	NA	CH2M
	04/04/2013	4.8	4.1	NA	CH2M
	07/11/2013	2.5	2.1	NA	CH2M
	10/09/2013	2.9	2.8	NA	CH2M
	01/22/2014	1.8	1.6	NA	CH2M
	04/02/2014	2.5	2.6	NA	CH2M
	07/08/2014	2.9	3.0	NA	CH2M
	10/15/2014	2.6	3.0	NA	CH2M
	01/21/2015	2.5	2.5	NA	CH2M
	04/09/2015	3.4	3.3	NA	CH2M
	06/23/2015	3.5	3.5	NA	CH2M
	07/15/2015	3.1	3.3	NA	CH2M
	10/19/2015	3.5	3.9	NA	Arcadis
	01/13/2016	2.1	2.2	NA	Arcadis
	04/19/2016	3.1	3.1	NA	Arcadis
	07/20/2016	2.6	2.2	NA	Arcadis
	10/17/2016	2.6	2.6	NA	Arcadis
	04/11/2017	3.0	3.1	NA	Arcadis
	10/11/2017	2.3	2.2	NA	Arcadis
	04/11/2018	2.4	2.1	NA	Arcadis
	10/15/2018	2.1	2.1	NA	Arcadis
	04/09/2019	3.2	2.1	NA	Arcadis
	06/05/2019	2.2	2.2	NA	Arcadis
	10/17/2019	2.4	2.1	NA	Arcadis
	04/14/2020	4.0	2.4	NA	Arcadis
	06/05/2020	2.4	ND (2.1)	NA	Arcadis
	10/14/2020	5.0	2.1	NA	Arcadis
	12/04/2020	2.4	2.2	NA	Arcadis
	04/12/2021	2.7	2.2	NA	Arcadis
No. of Samples:		38			
MW-148S	12/13/2011	1.8	1.8	NA	CH2M
	01/26/2012	2.2	1.9	NA	CH2M
	02/23/2012	2.4	1.8	NA	CH2M
	04/25/2012	2.1	1.9	NA	CH2M
	07/26/2012	1.9	1.8	NA	CH2M
	10/16/2012	1.7	1.7	NA	CH2M
	01/22/2013	2.4	2.3	NA	CH2M
	04/04/2013	2.3	2.1	NA	CH2M
	04/04/2013*	2.5	2.0	NA	CH2M
	07/11/2013	2.4	1.9	NA	CH2M
	10/09/2013	2.2	2.3	NA	CH2M
	01/24/2014	1.9	2.0	NA	CH2M
	04/02/2014	2.1	2.1	NA	CH2M
	07/08/2014	2.3	2.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-148S	10/15/2014	2.1	2.0	NA	CH2M
	10/15/2014*	2.2	2.0	NA	CH2M
	01/21/2015	2.1	2.1	NA	CH2M
	04/09/2015	2.4	2.2	NA	CH2M
	07/15/2015	1.8	1.9	NA	CH2M
	10/19/2015	2.6	2.2	NA	Arcadis
	10/19/2015*	2.4	2.1	NA	Arcadis
	04/19/2016	2.0	2.0	NA	Arcadis
	10/21/2016	1.9	1.8	NA	Arcadis
	04/12/2017	2.0	2.1	NA	Arcadis
	10/12/2017	2.8	2.0	NA	Arcadis
	04/11/2018	3.3	2.0	NA	Arcadis
	06/06/2018	1.9	1.9	NA	Arcadis
	10/15/2018	2.1	2.0	NA	Arcadis
	04/09/2019	2.6	2.0	NA	Arcadis
	04/09/2019*	2.8	1.9	NA	Arcadis
	10/17/2019	1.7	1.7	NA	Arcadis
	10/17/2019*	1.9	1.7	NA	Arcadis
	05/08/2020	2.1	1.9	NA	Arcadis
	10/19/2020	2.0	1.8	NA	Arcadis
	04/13/2021	2.3	1.9	NA	Arcadis
No. of Samples:		35			
MW-149S	01/31/2012	1.4	1.5	NA	CH2M
	02/24/2012	1.6	1.3	NA	CH2M
	02/24/2012*	1.5	1.3	NA	CH2M
	03/15/2012	2.1	1.4	NA	CH2M
	04/25/2012	1.9	1.5	NA	CH2M
	07/19/2012	1.7	1.4	NA	CH2M
	10/16/2012	1.6	1.4	NA	CH2M
	01/23/2013	1.1	0.88	NA	CH2M
	04/16/2013	1.5	1.4	NA	CH2M
	07/16/2013	2.0	1.2	NA	CH2M
	10/17/2013	1.5	1.4	NA	CH2M
	01/15/2014	1.8	1.3	NA	CH2M
	04/03/2014	1.7	1.5	NA	CH2M
	07/14/2014	1.6	1.6	NA	CH2M
	10/15/2014	1.4	1.5	NA	CH2M
	01/07/2015	1.4	1.6	NA	CH2M
	04/10/2015	1.7	1.5	NA	CH2M
	04/10/2015*	1.7	1.5	NA	CH2M
	07/22/2015	1.9	1.5	NA	CH2M
	10/19/2015	1.8	1.6	NA	Arcadis
	04/06/2017	2.0	1.5	NA	Arcadis
	07/28/2017	1.6	1.4	NA	Arcadis
	10/16/2017	1.6	1.6	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-149S	01/23/2018	2.1	1.5	NA	Arcadis
No. of Samples:	24				
MW-150S1	01/31/2012	1.2	0.61	NA	CH2M
	02/23/2012	1.7	0.53	NA	CH2M
	03/15/2012	1.2	0.58	NA	CH2M
	04/25/2012	1.5	0.63	NA	CH2M
	07/19/2012	ND (1.0)	0.58	NA	CH2M
	10/16/2012	ND (1.0)	0.58	NA	CH2M
	01/23/2013	1.4	0.62	NA	CH2M
	04/16/2013	1.0	0.62	NA	CH2M
	07/17/2013	1.6	0.58	NA	CH2M
	10/17/2013	ND (1.0)	0.61	NA	CH2M
	01/22/2014	2.0	0.44	NA	CH2M
	04/03/2014	ND (1.0)	0.71	NA	CH2M
	07/14/2014	ND (1.0)	0.67	NA	CH2M
	10/16/2014	ND (1.0)	0.67	NA	CH2M
	01/13/2015	ND (1.0)	0.72	NA	CH2M
	04/10/2015	1.0	0.63	NA	CH2M
	07/22/2015	ND (1.0)	0.67	NA	CH2M
	10/19/2015	1.1	0.58	NA	Arcadis
No. of Samples:	18				
MW-150S2	02/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/25/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.11)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013*	ND (1.0)	ND (0.13)	NA	CH2M
	01/13/2014	1.3	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.096)	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.1)	NA	CH2M
	01/13/2015	ND (1.0)	0.066	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.073)	NA	CH2M
	07/22/2015	ND (1.0)	0.094	NA	CH2M
	10/19/2015	ND (1.0)	ND (0.15)	NA	Arcadis
No. of Samples:	18				
MW-151D1	01/31/2012	2.8	2.0	NA	CH2M
	02/23/2012	2.2	1.9	NA	CH2M
	03/15/2012	1.9	1.9	NA	CH2M
	04/24/2012	2.0	1.9	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-151D1	07/30/2012	1.6	1.6	NA	CH2M
	10/12/2012	1.6	1.6	NA	CH2M
	01/23/2013	2.0	1.9	NA	CH2M
	04/16/2013	2.1	2.0	NA	CH2M
	07/10/2013	2.2	1.7	NA	CH2M
	10/16/2013	2.1	1.4	NA	CH2M
	01/21/2014	2.0	1.6	NA	CH2M
	04/14/2014	1.8	ND (1.7)	NA	CH2M
	07/24/2014	2.4	1.9	NA	CH2M
	07/24/2014*	2.2	1.9	NA	CH2M
	10/10/2014	1.7	1.7	NA	CH2M
	01/21/2015	1.6	1.5	NA	CH2M
	04/08/2015	1.6	1.5	NA	CH2M
	07/13/2015	1.5	1.7	NA	CH2M
	10/13/2015	2.9	2.6	NA	Arcadis
	04/13/2021	2.8	2.5	NA	Arcadis
No. of Samples: 20					
MW-151D2	01/31/2012	1.7	1.6	NA	CH2M
	02/23/2012	ND (1.0)	0.69	NA	CH2M
	03/15/2012	2.0	1.8	NA	CH2M
	04/24/2012	2.6	1.9	NA	CH2M
	07/30/2012	2.0	1.6	NA	CH2M
	10/12/2012	1.5	1.4	NA	CH2M
	01/23/2013	2.5	2.2	NA	CH2M
	04/15/2013	2.3	2.0	NA	CH2M
	07/10/2013	2.7	1.8	NA	CH2M
	10/16/2013	3.0	2.3	NA	CH2M
	01/21/2014	3.1	2.0	NA	CH2M
	04/14/2014	2.7	2.6	NA	CH2M
	07/24/2014	2.9	2.4	NA	CH2M
	10/10/2014	2.6	2.6	NA	CH2M
	01/21/2015	3.1	2.6	NA	CH2M
	04/08/2015	2.8	2.4	NA	CH2M
	07/13/2015	3.7	2.6	NA	CH2M
	10/13/2015	1.7	1.4	NA	Arcadis
	04/13/2021	2.9	2.6	NA	Arcadis
No. of Samples: 19					
MW-151S	01/31/2012	3.0	3.0	NA	CH2M
	02/23/2012	4.1	3.7	NA	CH2M
	03/16/2012	4.2	4.0	NA	CH2M
	03/16/2012*	4.4	4.0	NA	CH2M
	04/24/2012	3.9	3.8	NA	CH2M
	04/24/2012*	3.9	3.8	NA	CH2M
	07/30/2012	3.1	3.7	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-151S	10/12/2012	2.5	2.6	NA	CH2M
	10/12/2012*	2.5	2.6	NA	CH2M
	01/23/2013	3.1	2.6	NA	CH2M
	04/16/2013	3.6	3.0	NA	CH2M
	07/10/2013	2.9	2.0	NA	CH2M
	10/16/2013	2.0	1.4	NA	CH2M
	10/16/2013*	2.0	1.2	NA	CH2M
	01/21/2014	3.2	2.1	NA	CH2M
	04/14/2014	3.5	3.0	NA	CH2M
	07/24/2014	3.0	2.5	NA	CH2M
	10/10/2014	2.7	2.6	NA	CH2M
	01/21/2015	2.8	2.2	NA	CH2M
	04/08/2015	2.2	1.9	NA	CH2M
	07/13/2015	1.9	1.6	NA	CH2M
	07/13/2015*	2.0	1.7	NA	CH2M
	10/13/2015	2.2	1.5	NA	Arcadis
	04/13/2021	ND (1.0)	0.25	NA	Arcadis
No. of Samples: 24					
MW-152D1	01/31/2012	1.2	0.63	NA	CH2M
	02/23/2012	1.2	0.91	NA	CH2M
	03/16/2012	2.2	1.9	NA	CH2M
	04/24/2012	2.6	2.1	NA	CH2M
	07/18/2012	1.1	ND (0.06)	NA	CH2M
	10/03/2012	2.4	2.1	NA	CH2M
	01/23/2013	ND (1.0)	0.58	NA	CH2M
	01/23/2013*	1.0	0.6	NA	CH2M
	04/15/2013	1.0	0.59	NA	CH2M
	07/10/2013	ND (1.0)	0.21	NA	CH2M
	10/16/2013	2.5	2.0	NA	CH2M
	01/21/2014	1.0	0.12	NA	CH2M
	04/18/2014	ND (1.0)	0.59	NA	CH2M
	07/24/2014	1.5	0.97	NA	CH2M
	10/10/2014	1.9	1.8	NA	CH2M
	01/20/2015	1.3	1.3	NA	CH2M
	04/08/2015	1.5	1.3	NA	CH2M
	07/13/2015	1.5	1.6	NA	CH2M
	10/13/2015	ND (1.0)	0.34	NA	Arcadis
	04/14/2021	1.0	ND (0.2)	NA	Arcadis
No. of Samples: 20					
MW-152D2	01/31/2012	1.2	1.1	NA	CH2M
	02/23/2012	ND (1.0)	0.76	NA	CH2M
	02/23/2012*	1.2	0.79	NA	CH2M
	03/16/2012	1.2	1.1	NA	CH2M
	04/24/2012	1.4	1.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-152D2	07/18/2012	1.4	0.74	NA	CH2M
	10/16/2012	1.2	0.95	NA	CH2M
	01/23/2013	1.3	1.2	NA	CH2M
	04/15/2013	1.3	1.2	NA	CH2M
	07/10/2013	1.7	1.2	NA	CH2M
	10/16/2013	1.7	1.4	NA	CH2M
	01/21/2014	1.8	1.2	NA	CH2M
	04/18/2014	1.5	1.4	NA	CH2M
	07/24/2014	1.6	1.3	NA	CH2M
	10/10/2014	1.3	1.5	NA	CH2M
	01/20/2015	1.7	1.5	NA	CH2M
	04/08/2015	1.6	1.4	NA	CH2M
	07/13/2015	1.4	1.5	NA	CH2M
	10/13/2015	1.4	1.4	NA	Arcadis
	04/14/2021	1.2	0.97	NA	Arcadis
No. of Samples: 20					
MW-152S	01/31/2012	1.8	1.6	NA	CH2M
	02/23/2012	3.8	3.2	NA	CH2M
	03/16/2012	2.9	2.9	NA	CH2M
	04/24/2012	3.2	2.9	NA	CH2M
	04/24/2012*	3.0	2.9	NA	CH2M
	07/18/2012	3.0	2.6	NA	CH2M
	10/03/2012	3.3	3.3	NA	CH2M
	01/23/2013	3.0	2.8	NA	CH2M
	04/15/2013	2.9	2.7	NA	CH2M
	07/10/2013	4.0	3.1	NA	CH2M
	07/10/2013*	3.9	3.0	NA	CH2M
	10/16/2013	3.6	3.1	NA	CH2M
	01/21/2014	3.2	2.5	NA	CH2M
	04/18/2014	3.5	3.4	NA	CH2M
	07/24/2014	3.7	2.9	NA	CH2M
	10/10/2014	2.7	3.0	NA	CH2M
	10/10/2014*	2.8	3.0	NA	CH2M
	01/20/2015	3.1	2.8	NA	CH2M
	04/08/2015	3.1	2.9	NA	CH2M
	07/13/2015	2.3	2.2	NA	CH2M
	10/13/2015	2.1	2.3	NA	Arcadis
	10/13/2015*	2.0	2.3	NA	Arcadis
	04/14/2021	2.2	2.1	NA	Arcadis
No. of Samples: 23					
MW-153S	03/14/2012	4.9	4.8	NA	CH2M
	04/24/2012	5.7	5.6	NA	CH2M
	05/16/2012	6.7	5.5	NA	CH2M
	07/18/2012	2.5	2.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-153S	07/18/2012*	2.3	2.2	NA	CH2M
	10/16/2012	3.6	3.2	NA	CH2M
	01/25/2013	4.6	4.5	NA	CH2M
	02/21/2013	3.8	4.2	NA	CH2M
	04/11/2013	4.2	4.1	NA	CH2M
	07/11/2013	3.2	2.9	NA	CH2M
	07/11/2013*	3.2	2.9	NA	CH2M
	10/17/2013	7.7	7.6	NA	CH2M
	01/22/2014	4.0	3.7	NA	CH2M
	04/02/2014	3.8	4.0	NA	CH2M
	07/08/2014	4.5	4.2	NA	CH2M
	10/15/2014	4.4	2.9	NA	CH2M
	01/20/2015	5.4	5.1	NA	CH2M
	01/20/2015*	5.3	5.2	NA	CH2M
	04/09/2015	4.4	4.4	NA	CH2M
	07/15/2015	3.8	3.9	NA	CH2M
	10/16/2015	3.7	3.7	NA	Arcadis
	01/11/2016	5.3	4.1	NA	Arcadis
	04/19/2016	4.2	3.7	NA	Arcadis
	07/20/2016	3.6	3.3	NA	Arcadis
	10/13/2016	3.6	3.5	NA	Arcadis
	10/13/2016*	3.9	3.5	NA	Arcadis
	01/31/2017	2.3	2.0	NA	Arcadis
	04/17/2017	3.9	3.7	NA	Arcadis
	07/24/2017	4.1	3.6	NA	Arcadis
	10/11/2017	3.9	3.9	NA	Arcadis
	01/23/2018	7.1	3.4	NA	Arcadis
	03/06/2018	3.3	3.6	NA	Arcadis
	04/11/2018	4.1	3.3	NA	Arcadis
	10/15/2018	3.9	3.8	NA	Arcadis
	04/08/2019	2.8	2.5	NA	Arcadis
	10/17/2019	3.7	3.0	NA	Arcadis
	12/05/2019	2.5	2.7	NA	Arcadis
	04/09/2020	4.1	2.9	NA	Arcadis
	06/05/2020	3.9	3.6	NA	Arcadis
	10/14/2020	3.0	2.5	NA	Arcadis
	04/06/2021	3.4	2.6	NA	Arcadis
	06/01/2021	4.2	3.2	NA	Arcadis
No. of Samples: 42					
MW-154S1	03/28/2012	11.5	10	NA	CH2M
	05/09/2012	15.4	14.1	NA	CH2M
	06/04/2012	12.9	12.1	NA	CH2M
	08/08/2012	11.5	10.2	NA	CH2M
	11/09/2012	21	22	NA	CH2M
	02/07/2013	15.2	12.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-154S1	04/18/2013	19.4	19.6	NA	CH2M
	08/07/2013	12.6	9.6	NA	CH2M
	10/17/2013	17.1	17.9	NA	CH2M
	01/24/2014	14.8	17.1	NA	CH2M
	04/18/2014	15	16	NA	CH2M
	04/18/2014*	15	16	NA	CH2M
	07/24/2014	14	13	NA	CH2M
	10/22/2014	14	15	NA	CH2M
	01/21/2015	11	12	NA	CH2M
	04/02/2015	9.7	8.4	NA	CH2M
	07/23/2015	11	11	NA	CH2M
	10/22/2015	10	11	NA	Arcadis
	01/19/2016	11	11	NA	Arcadis
	04/19/2016	9.9	11	NA	Arcadis
	07/19/2016	11	10	NA	Arcadis
	10/19/2016	8.9	8.7	NA	Arcadis
	01/18/2017	7.3	7.0	NA	Arcadis
	01/18/2017*	7.1	7.0	NA	Arcadis
	04/20/2017	8.6	9.4	NA	Arcadis
	07/26/2017	7.7	8.2	NA	Arcadis
	10/16/2017	7.2	5.7	NA	Arcadis
	01/25/2018	7.6	8.0	NA	Arcadis
	04/17/2018	7.7	7.4	NA	Arcadis
	07/25/2018	8.0	7.9	NA	Arcadis
	10/19/2018	7.0	7.2	NA	Arcadis
	01/16/2019	7.0	6.5	NA	Arcadis
	04/15/2019	6.8	6.4	NA	Arcadis
	07/23/2019	6.8	7.2	NA	Arcadis
	10/25/2019	7.4	7.1	NA	Arcadis
	04/20/2020	5.8	6.2	NA	Arcadis
	10/20/2020	6.6	6.5	NA	Arcadis
	04/19/2021	6.1	6.1	NA	Arcadis
No. of Samples: 38					
MW-154S2	01/26/2012	2.4	2.4	NA	CH2M
	02/24/2012	1.3	1.1	NA	CH2M
	03/14/2012	1.6	1.5	NA	CH2M
	04/26/2012	1.5	1.4	NA	CH2M
	07/18/2012	1.8	1.4	NA	CH2M
	10/16/2012	1.8	1.6	NA	CH2M
	01/17/2013	1.6	1.3	NA	CH2M
	04/09/2013	1.8	1.6	NA	CH2M
	07/11/2013	1.9	1.7	NA	CH2M
	10/08/2013	1.6	1.1	NA	CH2M
	01/14/2014	3.0	1.5	NA	CH2M
	04/07/2014	2.2	2.0	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-154S2	07/07/2014	2.0	2.0	NA	CH2M
	10/07/2014	2.0	1.9	NA	CH2M
	01/05/2015	2.2	2.1	NA	CH2M
	04/02/2015	2.3	2.1	NA	CH2M
	07/08/2015	1.8	2.1	NA	CH2M
	10/07/2015	1.9	1.8	NA	Arcadis
	01/05/2016	1.9	1.7	NA	Arcadis
	04/05/2016	2.1	2.1	NA	Arcadis
	07/05/2016	2.1	2.0	NA	Arcadis
	10/04/2016	2.4	1.9	NA	Arcadis
	01/04/2017	2.3	2.0	NA	Arcadis
	04/06/2017	2.3	2.0	NA	Arcadis
	07/13/2017	2.3	2.0	NA	Arcadis
	10/02/2017	2.1	2.2	NA	Arcadis
	01/08/2018	2.3	2.1	NA	Arcadis
	10/05/2018	2.4	1.5	NA	Arcadis
	10/08/2019	2.1	2.0	NA	Arcadis
	10/06/2020	2.5	1.8	NA	Arcadis
No. of Samples:		30			
MW-155D	03/29/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.06 J)	NA	CH2M
	01/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.2)	NA	CH2M
	07/22/2015	ND (1.0)	ND (0.2)	NA	CH2M
	10/19/2015	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2016	NA	ND (0.2)	NA	Arcadis
	04/19/2016	NA	ND (0.2)	NA	Arcadis
	07/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/28/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	11/02/2017	ND (1.0)	ND (0.2)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-155D	01/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2018	3.1	ND (0.2)	NA	Arcadis
	07/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	11/08/2019	1.3	ND (0.2)	NA	Arcadis
	01/16/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/15/2020	1.1	ND (0.2)	NA	Arcadis
	07/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/05/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2021	ND (1.0)	ND (0.2)	NA	Arcadis
<i>No. of Samples:</i> 40					
MW-155S	03/29/2012	ND (1.0)	0.29	NA	CH2M
	04/26/2012	ND (1.0)	0.38	NA	CH2M
	05/15/2012	ND (1.0)	0.46	NA	CH2M
	07/13/2012	ND (1.0)	0.42	NA	CH2M
	10/03/2012	ND (1.0)	0.46	NA	CH2M
	01/22/2013	ND (1.0)	0.38	NA	CH2M
	04/10/2013	ND (1.0)	0.43	NA	CH2M
	04/10/2013*	ND (1.0)	0.45	NA	CH2M
	07/18/2013	1.9	0.41	NA	CH2M
	10/08/2013	ND (1.0)	0.35	NA	CH2M
	01/13/2014	ND (1.0)	0.28	NA	CH2M
	04/03/2014	ND (1.0)	0.26	NA	CH2M
	07/09/2014	ND (1.0)	0.24	NA	CH2M
	10/15/2014	ND (1.0)	0.27	NA	CH2M
	01/06/2015	ND (1.0)	0.23	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.2)	NA	CH2M
	07/22/2015	ND (1.0)	0.32	NA	CH2M
	10/19/2015	1.1	ND (0.4)	NA	Arcadis
	01/11/2016	NA	0.33	NA	Arcadis
	04/19/2016	NA	0.39	NA	Arcadis
	07/20/2016	ND (1.0)	0.42	NA	Arcadis
	10/18/2016	ND (1.0)	0.35	NA	Arcadis
	01/05/2017	1.1	0.46	NA	Arcadis
	04/05/2017	1.2	0.53	NA	Arcadis
	07/28/2017	1.1	0.62	NA	Arcadis
	11/02/2017	ND (1.0)	0.8	NA	Arcadis
	01/18/2018	3.7	0.79	NA	Arcadis
	03/06/2018	1.0	0.82	NA	Arcadis
	04/18/2018	ND (1.0)	0.84	NA	Arcadis
	07/18/2018	1.0	0.97	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-155S	10/16/2018	1.3	0.9	NA	Arcadis
	01/11/2019	1.4	0.82	NA	Arcadis
	04/11/2019	1.4	1.0	NA	Arcadis
	07/11/2019	1.8	1.1	NA	Arcadis
	11/08/2019	2.2	1.3	NA	Arcadis
	01/16/2020	2.5	1.1	NA	Arcadis
	04/15/2020	1.6	1.2	NA	Arcadis
	07/14/2020	4.7	1.2	NA	Arcadis
	09/01/2020	2.2	1.3	NA	Arcadis
	10/20/2020	2.0	1.3	NA	Arcadis
	01/05/2021	1.2	1.1	NA	Arcadis
	04/16/2021	1.9	1.3	NA	Arcadis
No. of Samples: 42					
MW-156S	04/26/2012	2.0	1.1	NA	CH2M
	05/16/2012	1.9	1.5	NA	CH2M
	06/05/2012	2.2	1.8	NA	CH2M
	07/18/2012	1.7	1.6	NA	CH2M
	10/18/2012	ND (1.0)	1.0	NA	CH2M
	10/18/2012*	1.0	1.0	NA	CH2M
	01/22/2013	1.2	0.94	NA	CH2M
	04/10/2013	1.8	1.2	NA	CH2M
	04/10/2013*	1.8	1.2	NA	CH2M
	07/11/2013	1.6	1.1	NA	CH2M
	10/11/2013	1.5	1.1	NA	CH2M
	01/20/2014	2.0	1.4	NA	CH2M
	04/17/2014	1.9	1.4	NA	CH2M
	07/23/2014	1.8	1.5	NA	CH2M
	12/10/2014	1.5	1.6	NA	CH2M
	01/06/2015	1.5	0.99	NA	CH2M
	04/06/2015	1.8	0.91	NA	CH2M
	04/06/2015*	1.7	1.0	NA	CH2M
	07/09/2015	1.6	1.0	NA	CH2M
	10/08/2015	1.5	1.2	NA	Arcadis
	01/11/2016	1.2	1.0	NA	Arcadis
	04/12/2016	1.9	1.0	NA	Arcadis
	07/21/2016	1.1	0.91	NA	Arcadis
	10/06/2016	1.3	0.83	NA	Arcadis
	04/03/2017	1.3	0.73	NA	Arcadis
	10/02/2017	ND (1.0)	0.61	NA	Arcadis
	10/16/2018	ND (1.0)	0.46	NA	Arcadis
	04/10/2019	1.1	0.7	NA	Arcadis
	10/07/2019	1.6	0.81	NA	Arcadis
	04/06/2020	2.2	1.1	NA	Arcadis
	10/05/2020	2.7	1.1	NA	Arcadis
	11/03/2020	1.7	1.1	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-156S	04/05/2021	1.4	0.86	NA	Arcadis
<i>No. of Samples:</i> 33					
MW-157S	04/26/2012	3.4	2.5	NA	CH2M
	05/16/2012	2.4	2.2	NA	CH2M
	06/05/2012	3.0	2.5	NA	CH2M
	07/18/2012	1.6	1.6	NA	CH2M
	10/18/2012	1.5	1.6	NA	CH2M
	01/22/2013	2.0	1.9	NA	CH2M
	04/10/2013	2.9	2.3	NA	CH2M
	07/11/2013	2.3	1.7	NA	CH2M
	10/11/2013	1.8	1.5	NA	CH2M
	01/20/2014	2.4	1.7	NA	CH2M
	01/20/2014*	2.8	1.7	NA	CH2M
	04/17/2014	2.5	2.1	NA	CH2M
	07/23/2014	2.2	1.8	NA	CH2M
	12/10/2014	1.7	1.8	NA	CH2M
	01/06/2015	2.1	2.1	NA	CH2M
	04/06/2015	2.3	2.1	NA	CH2M
	07/09/2015	2.1	1.9	NA	CH2M
	10/08/2015	1.9	1.7	NA	Arcadis
	01/11/2016	2.0	1.8	NA	Arcadis
	01/11/2016*	2.0	1.8	NA	Arcadis
	04/12/2016	2.3	1.9	NA	Arcadis
	04/12/2016*	2.2	1.8	NA	Arcadis
	07/21/2016	1.7	1.7	NA	Arcadis
	10/06/2016	2.4	1.8	NA	Arcadis
	04/03/2017	2.4	1.7	NA	Arcadis
	10/02/2017	1.5	1.6	NA	Arcadis
	10/16/2018	2.8	1.4	NA	Arcadis
	12/03/2018	2.4	1.6	NA	Arcadis
	04/10/2019	2.1	1.6	NA	Arcadis
	10/07/2019	2.5	1.5	NA	Arcadis
	04/06/2020	2.3	1.7	NA	Arcadis
	10/05/2020	5.3	1.6	NA	Arcadis
	11/03/2020	2.3	2.0	NA	Arcadis
	04/05/2021	3.2	2.2	NA	Arcadis
	06/01/2021	3.1	2.1	NA	Arcadis
<i>No. of Samples:</i> 35					
MW-158C	08/22/2012	ND (1.0)	0.26	NA	CH2M
	09/04/2012	ND (1.0)	0.1	NA	CH2M
	12/26/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.094)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-158C	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:		10			
MW-158CR	08/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2015	ND (1.0)	0.083	NA	CH2M
	10/21/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/18/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/21/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		12			
MW-158S	10/17/2012	1.9	1.8	NA	CH2M
	01/31/2013	2.3	2.0	NA	CH2M
	04/10/2013	2.2	1.8	NA	CH2M
	07/17/2013	2.3	1.9	NA	CH2M
	10/17/2013	2.3	1.9	NA	CH2M
	01/15/2014	2.3	1.9	NA	CH2M
	04/01/2014	2.0	2.1	NA	CH2M
No. of Samples:		7			
MW-158SR	08/04/2014	1.7	1.5	NA	CH2M
	10/16/2014	1.8	0.96	NA	CH2M
	01/22/2015	1.7	1.1	NA	CH2M
	04/10/2015	2.7	1.0	NA	CH2M
	07/16/2015	2.1	ND (1.0)	NA	CH2M
	10/21/2015	2.2	1.3	NA	Arcadis
	04/19/2017	3.2	1.5	NA	Arcadis
	06/07/2017	2.1	1.5	NA	Arcadis
	07/25/2017	1.9	1.0	NA	Arcadis
	10/16/2017	1.8	1.6	NA	Arcadis
	01/24/2018	4.5	1.4	NA	Arcadis
	03/06/2018	2.0	1.4	NA	Arcadis
No. of Samples:		12			
MW-159C	08/22/2012	ND (1.0)	0.12	NA	CH2M
	09/04/2012	ND (1.0)	0.14	NA	CH2M
	10/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-159C	07/02/2013	ND (1.0)	ND (0.062)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.14)	NA	CH2M
	01/22/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/22/2015	ND (1.0)	ND (0.09)	NA	Arcadis
No. of Samples:		16			
MW-159D	10/18/2012	4.2	4.2	NA	CH2M
	01/31/2013	5.7	5.7	NA	CH2M
	04/08/2013	5.6	5.8	NA	CH2M
	07/17/2013	5.8	5.1	NA	CH2M
	10/17/2013	6.0	5.6	NA	CH2M
	01/16/2014	4.8	4.7	NA	CH2M
	04/01/2014	5.8	5.5	NA	CH2M
	07/07/2014	5.6	5.5	NA	CH2M
	11/03/2014	5.8	5.7	NA	CH2M
	01/22/2015	5.7	6.1	NA	CH2M
	04/09/2015	5.8	5.5	NA	CH2M
	07/20/2015	4.5	5.0	NA	CH2M
	07/20/2015*	4.4	5.1	NA	CH2M
	11/03/2015	5.1	5.7	NA	Arcadis
	01/13/2016	5.4	5.7	NA	Arcadis
	04/19/2016	5.8	5.4	NA	Arcadis
	01/10/2017	6.4	6.2	NA	Arcadis
	04/06/2017	6.4	6.3	NA	Arcadis
	07/28/2017	6.0	5.8	NA	Arcadis
	07/28/2017*	6.0	5.9	NA	Arcadis
	10/17/2017	6.3	6.5	NA	Arcadis
	10/17/2017*	7.5	6.4	NA	Arcadis
	01/24/2018	6.7	5.9	NA	Arcadis
No. of Samples:		23			
MW-159S	10/18/2012	6.1	6.0	NA	CH2M
	01/31/2013	6.4	6.3	NA	CH2M
	04/08/2013	6.3	6.1	NA	CH2M
	07/17/2013	6.6	5.8	NA	CH2M
	10/17/2013	6.4	6.2	NA	CH2M
	01/16/2014	5.9	6.0	NA	CH2M
	04/01/2014	6.0	6.6	NA	CH2M
	07/07/2014	5.9	6.1	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-159S	11/03/2014	6.7	6.2	NA	CH2M
	01/22/2015	6.1	6.7	NA	CH2M
	04/09/2015	6.7	6.6	NA	CH2M
	07/20/2015	5.5	6.4	NA	CH2M
	11/03/2015	6.2	6.6	NA	Arcadis
	01/13/2016	6.1	6.5	NA	Arcadis
	04/19/2016	6.8	6.6	NA	Arcadis
	01/10/2017	6.7	6.4	NA	Arcadis
	04/06/2017	6.4	6.3	NA	Arcadis
	04/06/2017*	6.4	6.3	NA	Arcadis
	07/25/2017	5.6	6.1	NA	Arcadis
	10/16/2017	6.2	6.6	NA	Arcadis
	01/24/2018	6.5	6.2	NA	Arcadis
No. of Samples: 21					
MW-160C	09/14/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2015	ND (1.0)	0.064	NA	CH2M
	10/22/2015	ND (1.0)	ND (0.12)	NA	Arcadis
No. of Samples: 15					
MW-160D	10/18/2012	4.1	4.0	NA	CH2M
	01/31/2013	4.6	4.1	NA	CH2M
	04/11/2013	4.4	4.5	NA	CH2M
	07/17/2013	4.6	3.9	NA	CH2M
	10/17/2013	4.5	4.1	NA	CH2M
	10/17/2013*	4.3	4.1	NA	CH2M
	01/22/2014	4.0	3.3	NA	CH2M
	04/01/2014	4.4	4.2	NA	CH2M
	07/07/2014	4.2	3.7	NA	CH2M
	11/03/2014	4.7	4.1	NA	CH2M
	11/03/2014*	4.3	4.1	NA	CH2M
	01/22/2015	4.5	4.4	NA	CH2M
	04/10/2015	4.7	4.0	NA	CH2M
	07/20/2015	4.1	4.3	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-160D	11/05/2015	4.2	4.2	NA	Arcadis
	11/05/2015*	4.4	4.2	NA	Arcadis
No. of Samples: 16					
MW-161S1	10/22/2012	3.4	3.2	NA	CH2M
	01/21/2013	3.3	3.1	NA	CH2M
	04/10/2013	3.4	3.0	NA	CH2M
	07/12/2013	3.3	3.1	NA	CH2M
	10/10/2013	3.2	3.0	NA	CH2M
	01/16/2014	3.1	3.1	NA	CH2M
	04/14/2014	3.7	3.4	NA	CH2M
	07/17/2014	3.7	3.4	NA	CH2M
	10/07/2014	3.5	3.5	NA	CH2M
	01/12/2015	3.4	3.5	NA	CH2M
	04/01/2015	3.6	3.5	NA	CH2M
	07/07/2015	3.3	3.4	NA	CH2M
	10/16/2015	3.2	3.5	NA	Arcadis
	01/05/2016	3.5	3.4	NA	Arcadis
	04/04/2016	3.3	3.4	NA	Arcadis
	07/06/2016	4.0	3.4	NA	Arcadis
	10/10/2016	4.0	3.3	NA	Arcadis
	04/03/2017	3.4	3.4	NA	Arcadis
	10/13/2017	3.3	3.3	NA	Arcadis
	10/18/2018	3.8	3.4	NA	Arcadis
	10/18/2018*	3.7	3.4	NA	Arcadis
	10/08/2019	4.0	3.3	NA	Arcadis
	04/14/2020	3.5	3.4	NA	Arcadis
	10/06/2020	4.5	3.3	NA	Arcadis
	12/01/2020	3.7	3.2	NA	Arcadis
No. of Samples: 25					
MW-161S2	10/22/2012	2.6	2.5	NA	CH2M
	01/21/2013	2.6	2.5	NA	CH2M
	04/10/2013	2.7	2.4	NA	CH2M
	07/12/2013	2.8	2.6	NA	CH2M
	10/10/2013	2.6	2.6	NA	CH2M
	01/16/2014	2.9	2.9	NA	CH2M
	04/14/2014	3.1	3.0	NA	CH2M
	07/17/2014	3.4	2.8	NA	CH2M
	10/07/2014	3.4	2.8	NA	CH2M
	01/12/2015	2.5	3.0	NA	CH2M
	01/12/2015*	2.6	3.0	NA	CH2M
	04/01/2015	3.6	3.0	NA	CH2M
	07/07/2015	3.0	3.2	NA	CH2M
	10/21/2015	2.9	3.4	NA	Arcadis
	04/04/2016	3.4	3.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-161S2	10/10/2016	4.0	3.1	NA	Arcadis
	02/03/2017	4.0	3.0	NA	Arcadis
	04/03/2017	3.6	3.0	NA	Arcadis
	07/12/2017	2.8	3.3	NA	Arcadis
	10/13/2017	3.4	3.3	NA	Arcadis
	02/05/2018	3.9	3.4	NA	Arcadis
	04/03/2018	3.0	2.7	NA	Arcadis
	07/09/2018	3.3	3.1	NA	Arcadis
	10/18/2018	3.9	3.4	NA	Arcadis
	04/02/2019	4.6	2.9	NA	Arcadis
	06/06/2019	3.3	3.0	NA	Arcadis
	10/08/2019	3.4	3.1	NA	Arcadis
	10/06/2020	4.5	3.3	NA	Arcadis
	12/01/2020	4.3	3.3	NA	Arcadis
	04/06/2021	3.3	2.8	NA	Arcadis
No. of Samples: 30					
MW-161S3	10/22/2012	1.7	1.7	NA	CH2M
	01/21/2013	1.3	1.2	NA	CH2M
	04/10/2013	1.2	0.9	NA	CH2M
	07/12/2013	1.4	1.2	NA	CH2M
	10/10/2013	1.3	0.96	NA	CH2M
	01/16/2014	1.5	1.4	NA	CH2M
	04/14/2014	1.5	ND (1.4)	NA	CH2M
	07/17/2014	2.1	1.5	NA	CH2M
	10/07/2014	1.6	1.6	NA	CH2M
	01/12/2015	ND (1.0)	1.0	NA	CH2M
	04/01/2015	1.7	1.3	NA	CH2M
	07/07/2015	1.2	1.3	NA	CH2M
	10/16/2015	1.4	1.5	NA	Arcadis
	10/10/2016	1.4	0.84	NA	Arcadis
	10/12/2017	1.2	0.93	NA	Arcadis
	10/18/2018	1.4	0.94	NA	Arcadis
	10/08/2019	ND (1.0)	0.55	NA	Arcadis
	10/06/2020	ND (1.0)	0.62	NA	Arcadis
No. of Samples: 18					
MW-162S1	10/22/2012	5.8	5.2	NA	CH2M
	11/08/2012	5.4	5.0	NA	CH2M
	01/21/2013	5.1	4.7	NA	CH2M
	04/09/2013	4.9	4.6	NA	CH2M
	04/09/2013*	4.8	4.5	NA	CH2M
	07/16/2013	4.8	4.3	NA	CH2M
	10/10/2013	4.3	4.3	NA	CH2M
	01/16/2014	4.8	4.2	NA	CH2M
	04/14/2014	4.4	4.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-162S1	07/17/2014	5.0	4.4	NA	CH2M
	10/07/2014	4.4	4.3	NA	CH2M
	01/12/2015	4.0	4.4	NA	CH2M
	04/02/2015	4.3	4.2	NA	CH2M
	04/02/2015*	4.4	4.1	NA	CH2M
	07/07/2015	4.2	4.2	NA	CH2M
	10/16/2015	3.9	4.2	NA	Arcadis
	01/05/2016	4.4	4.0	NA	Arcadis
	04/04/2016	4.1	4.2	NA	Arcadis
	07/06/2016	4.4	4.0	NA	Arcadis
	10/10/2016	4.0	3.9	NA	Arcadis
	01/30/2017	4.3	3.9	NA	Arcadis
	04/03/2017	5.0	4.0	NA	Arcadis
	10/17/2017	4.1	4.0	NA	Arcadis
	04/03/2018	11	3.7	NA	Arcadis
	06/07/2018	4.1	3.7	NA	Arcadis
	10/12/2018	4.4	3.9	NA	Arcadis
	04/02/2019	4.2	3.4	NA	Arcadis
	10/08/2019	3.9	3.8	NA	Arcadis
	04/14/2020	4.8	3.7	NA	Arcadis
	06/03/2020	4.3	3.1	NA	Arcadis
	10/06/2020	4.9	3.8	NA	Arcadis
	12/01/2020	4.3	3.7	NA	Arcadis
	04/06/2021	4.2	3.3	NA	Arcadis
No. of Samples:		33			
MW-162S2	10/22/2012	1.9	2.0	NA	CH2M
	11/08/2012	2.0	1.6	NA	CH2M
	01/21/2013	1.5	0.81	NA	CH2M
	04/09/2013	1.3	0.54	NA	CH2M
	07/16/2013	1.9	0.58	NA	CH2M
	10/10/2013	1.4	0.23	NA	CH2M
	01/16/2014	1.1	0.43	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.38)	NA	CH2M
	07/17/2014	1.1	0.48	NA	CH2M
	10/07/2014	ND (1.0)	0.3	NA	CH2M
	01/12/2015	ND (1.0)	0.21	NA	CH2M
	04/02/2015	ND (1.0)	0.21	NA	CH2M
	07/07/2015	ND (1.0)	0.31	NA	CH2M
	10/16/2015	ND (1.0)	0.35	NA	Arcadis
	04/04/2016	2.6	ND (0.2)	NA	Arcadis
	06/01/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-162S2	10/06/2020	1.3	ND (0.2)	NA	Arcadis
	12/01/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 22					
MW-162S3	10/22/2012	ND (1.0)	0.21	NA	CH2M
	01/17/2013	ND (1.0)	0.2	NA	CH2M
	01/17/2013*	ND (1.0)	0.2	NA	CH2M
	04/04/2013	ND (1.0)	0.7	NA	CH2M
	04/04/2013*	ND (1.0)	0.77	NA	CH2M
	07/15/2013	ND (1.0)	0.14	NA	CH2M
	10/10/2013	2.0	0.52	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	0.4	NA	CH2M
	07/18/2014	ND (1.0)	0.061	NA	CH2M
	10/08/2014	ND (1.0)	0.2	NA	CH2M
	01/13/2015	ND (1.0)	0.33	NA	CH2M
	04/03/2015	ND (1.0)	0.23	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.17)	NA	CH2M
	07/08/2015*	ND (1.0)	ND (0.18)	NA	CH2M
	10/22/2015	ND (1.0)	0.28	NA	Arcadis
	10/10/2016	ND (1.0)	0.42	NA	Arcadis
	10/10/2016*	ND (1.0)	0.42	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2018	ND (1.0)	0.4	NA	Arcadis
	10/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/06/2020	1.9	ND (0.2)	NA	Arcadis
	12/01/2020	1.1	ND (0.2)	NA	Arcadis
No. of Samples: 23					
MW-163D	12/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	0.097	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2013	ND (1.0)	0.31	NA	CH2M
	10/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.082)	NA	CH2M
	07/18/2014	ND (1.0)	ND (0.06)	NA	CH2M
	11/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.11)	NA	CH2M
	07/21/2015	ND (1.0)	0.24	NA	CH2M
	11/04/2015	ND (5.0)	ND (0.06)	NA	Arcadis
	01/14/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016*	ND (1.0)	ND (0.2)	NA	Arcadis

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-163D	07/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/21/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/31/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/31/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/24/2018	ND (1.0)	ND (0.2)	NA	Arcadis
<i>No. of Samples:</i> 28					
MW-163S	11/08/2012	8.7	8.0	NA	CH2M
	01/31/2013	10.1	9.8	NA	CH2M
	04/10/2013	8.5	8.3	NA	CH2M
	07/17/2013	9.0	7.9	NA	CH2M
	10/17/2013	9.9	9.2	NA	CH2M
	01/16/2014	9.2	8.8	NA	CH2M
	04/01/2014	9.5	10	NA	CH2M
	07/10/2014	9.9	10	NA	CH2M
	11/03/2014	10	10	NA	CH2M
	01/14/2015	9.1	10	NA	CH2M
	04/09/2015	10	10	NA	CH2M
	07/20/2015	8.6	9.7	NA	CH2M
	11/04/2015	6.3	5.7	NA	Arcadis
	01/13/2016	9.1	8.7	NA	Arcadis
	04/19/2016	8.4	8.7	NA	Arcadis
	07/21/2016	9.1	9.0	NA	Arcadis
	10/18/2016	9.6	9.3	NA	Arcadis
	01/10/2017	8.9	8.6	NA	Arcadis
	04/18/2017	7.5	6.9	NA	Arcadis
	07/25/2017	8.5	8.8	NA	Arcadis
	10/18/2017	9.0	9.3	NA	Arcadis
	01/24/2018	11	9.0	NA	Arcadis
<i>No. of Samples:</i> 22					
MW-164D	12/05/2012	3.0	2.1	NA	CH2M
	02/01/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2013	2.4	0.19	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/18/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2014	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-164D	10/15/2014	ND (1.0)	ND (0.19)	NA	CH2M
	10/15/2014*	ND (1.0)	ND (0.23)	NA	CH2M
	01/21/2015	ND (1.0)	0.11	NA	CH2M
	04/08/2015	ND (1.0)	0.28	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.14)	NA	CH2M
	10/09/2015	ND (1.0)	0.13	NA	Arcadis
	10/09/2015*	ND (1.0)	0.082	NA	Arcadis
	01/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/26/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/11/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/06/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		32			
MW-164S	11/08/2012	2.4	2.4	NA	CH2M
	02/01/2013	2.1	1.8	NA	CH2M
	04/08/2013	1.9	1.8	NA	CH2M
	07/11/2013	1.7	1.4	NA	CH2M
	10/17/2013	1.8	1.6	NA	CH2M
	01/16/2014	2.1	1.5	NA	CH2M
	04/01/2014	1.7	1.7	NA	CH2M
	07/10/2014	1.8	1.7	NA	CH2M
	10/15/2014	1.8	1.8	NA	CH2M
	01/21/2015	2.5	2.4	NA	CH2M
	04/08/2015	2.3	2.2	NA	CH2M
	07/15/2015	2.3	2.5	NA	CH2M
	10/09/2015	2.3	2.4	NA	Arcadis
	04/19/2016	2.3	2.2	NA	Arcadis
	04/19/2016*	2.4	2.2	NA	Arcadis
	07/20/2016	8.0	2.0	NA	Arcadis
	09/08/2016	2.7	1.8	NA	Arcadis
	10/20/2016	2.1	2.0	NA	Arcadis
	01/12/2017	2.5	2.1	NA	Arcadis
	04/17/2017	2.0	2.0	NA	Arcadis
	07/25/2017	1.9	1.9	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-164S	10/11/2017	2.0	2.0	NA	Arcadis
	01/11/2018	2.4	1.9	NA	Arcadis
	04/11/2018	2.6	1.9	NA	Arcadis
	10/15/2018	2.2	1.9	NA	Arcadis
	04/08/2019	1.9	1.7	NA	Arcadis
	10/17/2019	2.1	1.6	NA	Arcadis
	04/09/2020	1.7	1.5	NA	Arcadis
	10/14/2020	1.9	1.6	NA	Arcadis
	04/06/2021	2.0	1.6	NA	Arcadis
No. of Samples: 30					
MW-165D	11/08/2012	1.1	0.99	NA	CH2M
	02/01/2013	1.5	1.1	NA	CH2M
	04/04/2013	1.5	1.0	NA	CH2M
	07/17/2013	2.4	1.0	NA	CH2M
	10/17/2013	1.4	0.99	NA	CH2M
	10/17/2013*	1.4	1.1	NA	CH2M
	01/22/2014	1.3	1.1	NA	CH2M
	04/02/2014	1.4	1.2	NA	CH2M
	07/08/2014	1.4	1.1	NA	CH2M
	11/03/2014	1.3	1.1	NA	CH2M
	01/14/2015	1.2	1.2	NA	CH2M
	04/09/2015	1.3	1.2	NA	CH2M
	04/09/2015*	1.3	1.1	NA	CH2M
	07/15/2015	1.2	1.2	NA	CH2M
	11/03/2015	1.2	1.2	NA	Arcadis
No. of Samples: 15					
MW-165S	11/08/2012	ND (1.0)	0.77	NA	CH2M
	02/01/2013	1.5	1.0	NA	CH2M
	04/04/2013	1.9	1.2	NA	CH2M
	07/17/2013	2.2	1.4	NA	CH2M
	10/17/2013	1.9	1.3	NA	CH2M
	01/22/2014	1.6	1.4	NA	CH2M
	04/02/2014	1.7	1.5	NA	CH2M
	07/08/2014	1.9	1.5	NA	CH2M
	11/03/2014	1.8	1.6	NA	CH2M
	01/14/2015	1.7	1.7	NA	CH2M
	04/09/2015	1.7	1.6	NA	CH2M
	07/15/2015	2.2	1.7	NA	CH2M
	11/03/2015	1.7	1.7	NA	Arcadis
No. of Samples: 13					
MW-166S1	12/06/2012	ND (1.0)	0.22	NA	CH2M
	01/17/2013	ND (1.0)	0.19	NA	CH2M
	04/08/2013	ND (1.0)	0.24	NA	CH2M
	07/11/2013	ND (1.0)	0.31	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-166S1	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/23/2014	ND (1.0)	0.12	NA	CH2M
	04/18/2014	ND (1.0)	0.3	NA	CH2M
	04/18/2014*	ND (1.0)	ND (0.23)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	0.3	NA	CH2M
	01/13/2015	ND (1.0)	0.2	NA	CH2M
	04/03/2015	ND (1.0)	0.17	NA	CH2M
	07/08/2015	ND (1.0)	0.28	NA	CH2M
	10/16/2015	ND (1.0)	0.2	NA	Arcadis
	01/05/2016	12	0.082	NA	Arcadis
	03/02/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2016	ND (1.0)	0.25	NA	Arcadis
	07/08/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2017	1.3	ND (0.2)	NA	Arcadis
	06/06/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2018	ND (1.0)	0.22	NA	Arcadis
	10/18/2018	1.2	ND (0.2)	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	1.0	0.46	NA	Arcadis
	04/24/2020	1.0	0.35	NA	Arcadis
	10/20/2020	ND (1.0)	0.21	NA	Arcadis
	04/07/2021	ND (1.0)	0.3	NA	Arcadis
No. of Samples: 29					
MW-166S2	12/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2013	ND (1.0)	0.08	NA	CH2M
	07/11/2013	ND (1.0)	0.21	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.078)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/18/2014	ND (1.0)	ND (0.084)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.11)	NA	CH2M
	01/13/2015	ND (1.0)	0.12	NA	CH2M
	04/03/2015	ND (1.0)	0.078	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.12)	NA	CH2M
	10/16/2015	ND (1.0)	0.17	NA	Arcadis
	04/05/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/02/2017	20	ND (0.2)	NA	Arcadis
	11/29/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	1.3	ND (0.2)	NA	Arcadis
	11/29/2018	ND (1.0)	ND (0.2)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-166S2	10/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 21					
MW-167D	12/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2013	ND (1.0)	0.33	NA	CH2M
	10/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples: 14					
MW-167S1	12/03/2012	ND (1.0)	0.5	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2013	ND (1.0)	1.1	NA	CH2M
	10/17/2013	1.3	0.98	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2015	ND (1.0)	0.067	NA	Arcadis
No. of Samples: 14					
MW-167S2	12/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2013	ND (1.0)	0.22	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-167S2	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:		14			
MW-168D	12/05/2012	1.4	1.2	NA	CH2M
	01/22/2013	ND (1.0)	0.51	NA	CH2M
	04/08/2013	ND (1.0)	0.13	NA	CH2M
	07/17/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/09/2013	ND (1.0)	0.34	NA	CH2M
	01/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/23/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	0.36	NA	CH2M
	07/08/2014	ND (1.0)	0.25	NA	CH2M
	10/15/2014	ND (1.0)	0.31	NA	CH2M
	01/21/2015	ND (1.0)	0.32	NA	CH2M
	04/09/2015	ND (1.0)	0.29	NA	CH2M
	07/15/2015	ND (1.0)	0.37	NA	CH2M
	10/21/2015	ND (1.0)	0.29	NA	Arcadis
	10/20/2016	ND (1.0)	0.39	NA	Arcadis
	10/20/2016*	ND (1.0)	0.36	NA	Arcadis
	10/12/2017	ND (1.0)	0.45	NA	Arcadis
	10/15/2018	ND (1.0)	0.64	NA	Arcadis
	10/17/2019	4.2	0.75	NA	Arcadis
	12/04/2019	1.2	0.84	NA	Arcadis
	10/20/2020	1.8	0.71	NA	Arcadis
	12/04/2020	ND (1.0)	0.69	NA	Arcadis
No. of Samples:		22			
MW-168S	12/05/2012	1.8	1.5	NA	CH2M
	01/22/2013	1.3	1.2	NA	CH2M
	04/08/2013	1.6	0.97	NA	CH2M
	07/17/2013	1.8	1.1	NA	CH2M
	10/09/2013	1.1	1.1	NA	CH2M
	01/23/2014	1.7	0.8	NA	CH2M
	04/02/2014	1.3	1.2	NA	CH2M
	07/08/2014	1.2	1.1	NA	CH2M
	10/15/2014	1.3	1.1	NA	CH2M
	01/21/2015	1.4	1.2	NA	CH2M
	04/09/2015	1.3	1.2	NA	CH2M
	07/15/2015	1.1	1.2	NA	CH2M
	10/21/2015	1.2	1.2	NA	Arcadis
	04/19/2016	1.2	1.4	NA	Arcadis
	10/20/2016	1.4	1.4	NA	Arcadis
	04/13/2017	1.4	1.4	NA	Arcadis
	10/12/2017	1.5	1.4	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-168S	04/11/2018	1.7	1.3	NA	Arcadis
	10/15/2018	1.6	1.5	NA	Arcadis
	04/09/2019	1.6	1.6	NA	Arcadis
	10/17/2019	2.0	1.5	NA	Arcadis
	04/14/2020	1.6	1.3	NA	Arcadis
	10/20/2020	1.8	1.6	NA	Arcadis
	04/13/2021	1.8	1.6	NA	Arcadis
No. of Samples: 24					
MW-169D	12/05/2012	ND (1.0)	0.086	NA	CH2M
	01/24/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2013	ND (1.0)	0.1	NA	CH2M
	07/11/2013	ND (1.0)	0.28	NA	CH2M
	07/11/2013*	ND (1.0)	0.25	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.17)	NA	CH2M
	01/09/2014	ND (1.0)	0.16	NA	CH2M
	04/02/2014	ND (1.0)	0.22	NA	CH2M
	07/08/2014	ND (1.0)	0.19	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.22)	NA	CH2M
	10/15/2014*	ND (1.0)	ND (0.22)	NA	CH2M
	01/21/2015	ND (1.0)	0.2	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.16)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.18)	NA	CH2M
	10/21/2015	ND (1.0)	ND (0.2)	NA	Arcadis
	10/21/2015*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 22					
MW-169S1	12/05/2012	2.7	1.4	NA	CH2M
	12/26/2012	3.5	1.2	NA	CH2M
	01/22/2013	2.3	1.2	NA	CH2M
	04/08/2013	2.3	1.3	NA	CH2M
	07/17/2013	2.2	ND (1.0)	NA	CH2M
	10/09/2013	2.2	1.2	NA	CH2M
	01/23/2014	3.0	2.0	NA	CH2M
	04/02/2014	1.9	1.9	NA	CH2M
	07/08/2014	1.9	1.6	NA	CH2M
	10/15/2014	2.3	2.2	NA	CH2M
	01/21/2015	2.2	1.9	NA	CH2M
	04/09/2015	2.8	2.5	NA	CH2M
	07/15/2015	2.4	2.3	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-169S1	10/21/2015	2.0	2.1	NA	Arcadis
No. of Samples: 14					
MW-169S2	12/05/2012	3.7	3.4	NA	CH2M
	01/22/2013	3.5	3.5	NA	CH2M
	02/21/2013	3.3	3.6	NA	CH2M
	04/08/2013	3.6	3.4	NA	CH2M
	07/17/2013	4.1	2.8	NA	CH2M
	09/12/2013	3.2	3.2	NA	CH2M
	10/09/2013	3.0	3.2	NA	CH2M
	01/23/2014	2.7	2.6	NA	CH2M
	04/02/2014	3.4	3.3	NA	CH2M
	07/08/2014	3.1	3.1	NA	CH2M
	08/06/2014	3.2	3.0	NA	CH2M
	10/15/2014	3.0	3.1	NA	CH2M
	01/21/2015	3.3	3.1	NA	CH2M
	04/09/2015	3.3	2.9	NA	CH2M
	07/15/2015	2.9	2.9	NA	CH2M
	10/21/2015	2.7	2.9	NA	Arcadis
	01/13/2016	3.3	2.6	NA	Arcadis
	03/02/2016	2.7	2.4	NA	Arcadis
	04/19/2016	2.6	2.6	NA	Arcadis
	07/21/2016	2.9	2.6	NA	Arcadis
	10/20/2016	2.7	2.4	NA	Arcadis
	04/13/2017	2.4	2.3	NA	Arcadis
	10/12/2017	1.9	1.8	NA	Arcadis
	10/12/2017*	1.9	1.8	NA	Arcadis
	04/11/2018	2.6	1.9	NA	Arcadis
	10/15/2018	2.3	1.9	NA	Arcadis
	04/09/2019	5.2	1.6	NA	Arcadis
	04/09/2019*	4.5	1.6	NA	Arcadis
	06/06/2019	1.9	1.7	NA	Arcadis
	10/17/2019	2.6	1.5	NA	Arcadis
	12/05/2019	3.6	1.4	NA	Arcadis
	04/14/2020	2.0	1.5	NA	Arcadis
	10/14/2020	1.6	1.4	NA	Arcadis
	04/13/2021	1.9	1.4	NA	Arcadis
No. of Samples: 34					
MW-170S	12/06/2012	2.8	2.3	NA	CH2M
	01/22/2013	2.7	1.8	NA	CH2M
	04/15/2013	2.6	1.9	NA	CH2M
	04/15/2013*	2.7	1.9	NA	CH2M
	07/18/2013	2.3	1.9	NA	CH2M
	10/15/2013	2.6	1.8	NA	CH2M
	01/22/2014	2.1	2.0	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-170S	04/15/2014	2.1	2.2	NA	CH2M
	07/21/2014	2.5	2.0	NA	CH2M
	10/09/2014	1.9	2.0	NA	CH2M
	01/13/2015	2.1	2.0	NA	CH2M
	04/07/2015	1.9	1.9	NA	CH2M
	07/21/2015	1.8	1.8	NA	CH2M
	10/14/2015	1.8	1.8	NA	Arcadis
	01/07/2016	2.2	1.8	NA	Arcadis
	04/19/2016	1.6	2.0	NA	Arcadis
	04/19/2016*	1.7	1.9	NA	Arcadis
	07/11/2016	2.0	1.7	NA	Arcadis
	10/19/2016	1.7	1.9	NA	Arcadis
	01/04/2017	2.4	1.7	NA	Arcadis
	04/10/2017	2.5	1.7	NA	Arcadis
	07/12/2017	2.4	1.6	NA	Arcadis
	01/09/2018	1.9	1.6	NA	Arcadis
	04/10/2018	2.1	1.7	NA	Arcadis
	07/11/2018	2.8	1.2	NA	Arcadis
	10/09/2018	2.3	1.6	NA	Arcadis
	01/09/2019	2.2	1.7	NA	Arcadis
	04/04/2019	2.0	1.8	NA	Arcadis
	07/10/2019	2.0	1.7	NA	Arcadis
	10/15/2019	3.2	1.3	NA	Arcadis
	12/06/2019	3.2	1.2	NA	Arcadis
	01/06/2020	4.1	1.3	NA	Arcadis
	04/16/2020	2.2	1.6	NA	Arcadis
	04/16/2020*	2.2	1.6	NA	Arcadis
	07/06/2020	2.6	1.3	NA	Arcadis
	10/13/2020	2.5	1.6	NA	Arcadis
	10/13/2020*	2.7	1.6	NA	Arcadis
	01/21/2021	2.6	1.7	NA	Arcadis
	04/14/2021	2.7	1.5	NA	Arcadis
No. of Samples:		39			
MW-171D1	03/19/2013	ND (1.0)	0.52	NA	CH2M
	04/17/2013	ND (1.0)	0.33	NA	CH2M
	07/16/2013	ND (1.0)	0.18	NA	CH2M
	10/15/2013	ND (1.0)	0.08	NA	CH2M
	01/16/2014	ND (1.0)	0.14	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.092)	NA	CH2M
	04/17/2014*	ND (1.0)	0.33	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	0.4	NA	CH2M
	01/15/2015	ND (1.0)	0.31	NA	CH2M
	04/06/2015	ND (1.0)	0.24	NA	CH2M
	07/09/2015	ND (1.0)	0.24	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-171D1	10/16/2015	ND (1.0)	0.44	NA	Arcadis
	04/18/2016	1.8	0.28	NA	Arcadis
	06/02/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	2.6	ND (0.2)	NA	Arcadis
	12/05/2019	5.0	ND (0.2)	NA	Arcadis
	10/09/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 23					
MW-171D2	03/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013	ND (1.0)	0.067	NA	CH2M
	07/16/2013	2.0	ND (0.06)	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2015	ND (1.0)	0.084	NA	CH2M
	07/09/2015	ND (1.0)	0.066	NA	CH2M
	10/16/2015	ND (1.0)	0.087	NA	Arcadis
	10/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2020	1.0	ND (0.2)	NA	Arcadis
No. of Samples: 17					
MW-171S	03/13/2013	2.9	2.3	NA	CH2M
	03/13/2013*	2.7	2.4	NA	CH2M
	04/17/2013	2.3	2.4	NA	CH2M
	07/16/2013	2.6	2.2	NA	CH2M
	10/15/2013	2.3	2.2	NA	CH2M
	01/16/2014	2.2	2.2	NA	CH2M
	04/17/2014	2.5	2.4	NA	CH2M
	07/23/2014	2.7	2.3	NA	CH2M
	10/08/2014	2.5	2.5	NA	CH2M
	01/15/2015	2.6	2.6	NA	CH2M
	04/06/2015	2.6	2.5	NA	CH2M
	04/06/2015*	2.5	2.5	NA	CH2M
	07/09/2015	2.7	2.4	NA	CH2M
	10/16/2015	2.8	2.5	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-171S	01/07/2016	3.1	2.5	NA	Arcadis
	04/18/2016	2.4	2.5	NA	Arcadis
	07/12/2016	2.3	2.4	NA	Arcadis
	10/13/2016	2.5	2.4	NA	Arcadis
	04/05/2017	2.8	2.3	NA	Arcadis
	10/13/2017	2.3	2.4	NA	Arcadis
	04/06/2018	2.5	2.2	NA	Arcadis
	10/17/2018	2.5	2.2	NA	Arcadis
	04/01/2019	2.3	2.2	NA	Arcadis
	10/10/2019	4.2	1.7	NA	Arcadis
	12/05/2019	2.4	2.1	NA	Arcadis
	04/07/2020	2.7	2.2	NA	Arcadis
	10/09/2020	2.3	2.1	NA	Arcadis
	04/08/2021	2.6	2.0	NA	Arcadis
No. of Samples: 28					
MW-172S1	03/13/2013	1.6	1.4	NA	CH2M
	04/17/2013	1.4	1.4	NA	CH2M
	07/16/2013	1.9	1.7	NA	CH2M
	10/15/2013	1.9	1.7	NA	CH2M
	01/16/2014	2.2	2.1	NA	CH2M
	04/17/2014	2.6	2.7	NA	CH2M
	07/23/2014	2.9	2.6	NA	CH2M
	10/08/2014	2.5	2.6	NA	CH2M
	01/15/2015	3.2	2.9	NA	CH2M
	04/06/2015	3.1	2.9	NA	CH2M
	07/09/2015	2.8	3.0	NA	CH2M
	10/16/2015	2.8	3.0	NA	Arcadis
	01/07/2016	3.9	3.0	NA	Arcadis
	03/02/2016	4.1	2.8	NA	Arcadis
	04/18/2016	3.6	3.0	NA	Arcadis
	07/12/2016	3.0	3.0	NA	Arcadis
	10/13/2016	3.0	2.9	NA	Arcadis
	01/03/2017	3.3	3.0	NA	Arcadis
	04/05/2017	3.0	3.0	NA	Arcadis
	04/05/2017*	3.2	3.1	NA	Arcadis
	07/12/2017	2.9	3.0	NA	Arcadis
	10/13/2017	3.2	3.0	NA	Arcadis
	01/11/2018	3.1	2.9	NA	Arcadis
	04/06/2018	3.0	3.0	NA	Arcadis
	10/17/2018	3.3	2.4	NA	Arcadis
	11/29/2018	3.2	2.7	NA	Arcadis
	04/01/2019	3.3	2.7	NA	Arcadis
	10/09/2019	2.3	1.9	NA	Arcadis
	04/07/2020	2.3	2.1	NA	Arcadis
	10/09/2020	2.8	2.0	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-172S1	04/08/2021	3.3	2.5	NA	Arcadis
	06/03/2021	2.6	2.5	NA	Arcadis
No. of Samples: 32					
MW-172S2	03/19/2013	ND (1.0)	0.54	NA	CH2M
	04/17/2013	1.1	0.5	NA	CH2M
	07/11/2013	ND (1.0)	0.61	NA	CH2M
	10/15/2013	ND (1.0)	0.49	NA	CH2M
	01/16/2014	ND (1.0)	0.43	NA	CH2M
	04/17/2014	ND (1.0)	0.48	NA	CH2M
	07/23/2014	1.1	0.59	NA	CH2M
	10/08/2014	ND (1.0)	0.83	NA	CH2M
	01/15/2015	ND (1.0)	0.59	NA	CH2M
	01/15/2015*	ND (1.0)	0.56	NA	CH2M
	04/06/2015	1.1	0.56	NA	CH2M
	07/09/2015	ND (1.0)	0.58	NA	CH2M
	10/16/2015	ND (1.0)	0.66	NA	Arcadis
	01/07/2016	1.0	0.51	NA	Arcadis
	01/07/2016*	ND (1.0)	0.5	NA	Arcadis
	04/18/2016	ND (1.0)	0.69	NA	Arcadis
	07/12/2016	ND (1.0)	0.5	NA	Arcadis
	10/13/2016	1.2	0.64	NA	Arcadis
	04/05/2017	1.2	0.73	NA	Arcadis
	10/13/2017	2.1	0.79	NA	Arcadis
	11/29/2017	2.0	0.71	NA	Arcadis
	04/06/2018	ND (1.0)	0.49	NA	Arcadis
	04/06/2018*	ND (1.0)	0.51	NA	Arcadis
	10/17/2018	1.2	0.32	NA	Arcadis
	04/01/2019	1.3	0.42	NA	Arcadis
	10/09/2019	ND (1.0)	0.27	NA	Arcadis
	04/07/2020	1.2	ND (0.2)	NA	Arcadis
	10/09/2020	1.5	ND (0.2)	NA	Arcadis
	12/04/2020	ND (1.0)	0.32	NA	Arcadis
	04/08/2021	ND (1.0)	0.29	NA	Arcadis
No. of Samples: 30					
MW-173D	03/11/2013	1.4	1.0	NA	CH2M
	04/15/2013	1.0	0.84	NA	CH2M
	07/16/2013	1.1	0.73	NA	CH2M
	10/10/2013	ND (1.0)	0.75	NA	CH2M
	01/20/2014	1.4	0.58	NA	CH2M
	04/17/2014	ND (1.0)	0.54	NA	CH2M
	07/10/2014	ND (1.0)	0.73	NA	CH2M
	07/10/2014*	ND (1.0)	0.64	NA	CH2M
	10/08/2014	ND (1.0)	0.77	NA	CH2M
	01/14/2015	ND (1.0)	0.87	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-173D	04/03/2015	ND (1.0)	0.75	NA	CH2M
	07/07/2015	ND (1.0)	0.55	NA	CH2M
	10/08/2015	ND (1.0)	0.75	NA	Arcadis
	10/11/2016	ND (1.0)	0.61	NA	Arcadis
	10/03/2017	1.3	0.68	NA	Arcadis
	10/09/2018	1.1	0.88	NA	Arcadis
	10/10/2019	ND (1.0)	0.83	NA	Arcadis
	10/20/2020	1.1	0.85	NA	Arcadis
No. of Samples:		18			
MW-173S1	03/11/2013	4.3	4.2	NA	CH2M
	04/08/2013	5.0	4.9	NA	CH2M
	07/16/2013	3.8	3.6	NA	CH2M
	10/10/2013	3.7	3.6	NA	CH2M
	01/20/2014	3.9	3.4	NA	CH2M
	04/17/2014	3.5	3.5	NA	CH2M
	07/10/2014	3.2	3.4	NA	CH2M
	10/08/2014	3.3	3.3	NA	CH2M
	10/08/2014*	3.2	3.4	NA	CH2M
	01/14/2015	3.2	3.2	NA	CH2M
	04/03/2015	3.4	3.0	NA	CH2M
	07/07/2015	3.3	3.1	NA	CH2M
	10/08/2015	3.9	3.8	NA	Arcadis
	10/08/2015*	3.9	3.8	NA	Arcadis
	01/04/2016	3.5	3.4	NA	Arcadis
	04/06/2016	3.3	3.3	NA	Arcadis
	07/07/2016	3.9	3.7	NA	Arcadis
	10/11/2016	3.7	3.3	NA	Arcadis
	02/02/2017	3.7	3.3	NA	Arcadis
	04/11/2017	3.9	3.6	NA	Arcadis
	07/12/2017	3.8	4.0	NA	Arcadis
	10/03/2017	5.3	4.2	NA	Arcadis
	01/24/2018	5.5	3.8	NA	Arcadis
	02/05/2018	4.2	4.0	NA	Arcadis
	03/07/2018	3.7	3.6	NA	Arcadis
	04/04/2018	3.5	3.6	NA	Arcadis
	07/19/2018	3.7	3.7	NA	Arcadis
	10/09/2018	4.0	4.1	NA	Arcadis
	01/07/2019	3.9	3.5	NA	Arcadis
	04/03/2019	4.8	4.6	NA	Arcadis
	07/11/2019	4.1	3.6	NA	Arcadis
	10/10/2019	3.6	3.6	NA	Arcadis
	04/07/2020	3.6	3.5	NA	Arcadis
	10/07/2020	4.0	3.4	NA	Arcadis
	04/06/2021	6.1	6.1	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 35					
MW-173S2	03/11/2013	3.0	2.9	NA	CH2M
	04/16/2013	2.9	3.0	NA	CH2M
	07/16/2013	3.0	2.9	NA	CH2M
	10/03/2013	2.9	3.2	NA	CH2M
	10/03/2013*	3.0	3.2	NA	CH2M
	01/20/2014	3.1	2.8	NA	CH2M
	04/17/2014	2.7	3.0	NA	CH2M
	07/10/2014	2.9	2.8	NA	CH2M
	10/08/2014	2.7	3.0	NA	CH2M
	01/14/2015	2.6	2.6	NA	CH2M
	04/03/2015	3.1	2.9	NA	CH2M
	07/07/2015	2.7	2.6	NA	CH2M
	10/08/2015	3.3	2.9	NA	Arcadis
	04/06/2016	3.3	3.0	NA	Arcadis
	10/11/2016	3.3	2.9	NA	Arcadis
	10/03/2017	3.1	3.0	NA	Arcadis
	10/09/2018	3.2	3.1	NA	Arcadis
	10/10/2019	3.0	3.0	NA	Arcadis
	10/07/2020	3.1	2.5	NA	Arcadis
No. of Samples: 19					
MW-174S1	03/12/2013	3.1	2.9	NA	CH2M
	04/17/2013	3.0	3.1	NA	CH2M
	07/02/2013	2.8	3.2	NA	CH2M
	10/10/2013	3.1	2.9	NA	CH2M
	01/16/2014	3.1	2.9	NA	CH2M
	04/10/2014	3.3	3.2	NA	CH2M
	07/16/2014	3.4	3.0	NA	CH2M
	10/07/2014	3.0	3.3	NA	CH2M
	01/12/2015	2.9	3.4	NA	CH2M
	04/01/2015	3.5	3.4	NA	CH2M
	07/07/2015	3.3	3.3	NA	CH2M
	10/07/2015	3.2	3.3	NA	Arcadis
	01/05/2016	3.5	3.4	NA	Arcadis
	04/06/2016	4.1	3.2	NA	Arcadis
	07/07/2016	3.4	3.3	NA	Arcadis
	10/21/2016	3.6	3.3	NA	Arcadis
	01/30/2017	3.2	3.3	NA	Arcadis
	04/03/2017	3.7	3.3	NA	Arcadis
	07/12/2017	3.1	3.5	NA	Arcadis
	10/12/2017	3.6	3.4	NA	Arcadis
	01/10/2018	3.3	3.3	NA	Arcadis
	04/03/2018	3.3	3.4	NA	Arcadis
	10/18/2018	3.8	3.5	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-174S1	02/11/2019	3.6	3.1	NA	Arcadis
	04/02/2019	3.9	3.3	NA	Arcadis
	07/09/2019	3.6	3.5	NA	Arcadis
	10/08/2019	3.4	3.3	NA	Arcadis
	04/08/2020	5.5	4.5	NA	Arcadis
	10/06/2020	4.1	3.4	NA	Arcadis
	04/06/2021	4.1	3.0	NA	Arcadis
	06/02/2021	4.1	3.4	NA	Arcadis
No. of Samples: 31					
MW-174S2	03/12/2013	2.4	2.1	NA	CH2M
	04/17/2013	2.2	2.1	NA	CH2M
	07/16/2013	2.3	2.0	NA	CH2M
	10/10/2013	2.2	1.9	NA	CH2M
	01/16/2014	2.2	1.7	NA	CH2M
	04/10/2014	2.3	2.2	NA	CH2M
	04/10/2014*	2.2	2.1	NA	CH2M
	07/16/2014	2.5	2.1	NA	CH2M
	10/07/2014	2.2	2.4	NA	CH2M
	01/12/2015	2.4	2.4	NA	CH2M
	04/01/2015	2.8	2.4	NA	CH2M
	07/07/2015	2.4	2.3	NA	CH2M
	10/07/2015	2.3	2.3	NA	Arcadis
	10/21/2016	2.8	2.3	NA	Arcadis
	10/21/2016*	2.7	2.3	NA	Arcadis
	04/03/2017	2.7	2.3	NA	Arcadis
	10/12/2017	2.4	2.4	NA	Arcadis
	10/18/2018	2.8	2.4	NA	Arcadis
	04/02/2019	3.7	2.2	NA	Arcadis
	06/06/2019	3.1	2.4	NA	Arcadis
	10/08/2019	2.3	2.2	NA	Arcadis
	10/06/2020	2.8	2.4	NA	Arcadis
No. of Samples: 22					
MW-174S3	03/11/2013	2.2	1.9	NA	CH2M
	04/17/2013	2.3	2.1	NA	CH2M
	07/16/2013	2.6	2.3	NA	CH2M
	07/16/2013*	2.7	2.3	NA	CH2M
	10/10/2013	2.5	2.4	NA	CH2M
	01/16/2014	3.0	2.3	NA	CH2M
	04/10/2014	2.6	2.6	NA	CH2M
	07/16/2014	2.7	2.6	NA	CH2M
	10/07/2014	2.6	2.7	NA	CH2M
	01/12/2015	2.3	2.6	NA	CH2M
	04/01/2015	2.9	2.7	NA	CH2M
	07/07/2015	2.6	2.6	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-174S3	10/07/2015	2.7	2.6	NA	Arcadis
	04/06/2016	4.1	2.5	NA	Arcadis
	06/01/2016	2.6	2.7	NA	Arcadis
	10/21/2016	2.9	2.5	NA	Arcadis
	10/12/2017	2.8	2.6	NA	Arcadis
	10/12/2017*	2.7	2.5	NA	Arcadis
	10/18/2018	3.2	2.5	NA	Arcadis
	10/08/2019	2.7	2.4	NA	Arcadis
	10/06/2020	3.0	2.4	NA	Arcadis
No. of Samples: 21					
MW-175D	03/12/2013	3.5	2.9	NA	CH2M
	04/15/2013	2.6	2.3	NA	CH2M
	07/16/2013	2.4	2.2	NA	CH2M
	10/03/2013	2.7	2.5	NA	CH2M
	01/23/2014	2.7	2.3	NA	CH2M
	01/23/2014*	2.8	2.4	NA	CH2M
	04/17/2014	2.7	2.7	NA	CH2M
	07/10/2014	2.6	2.6	NA	CH2M
	10/08/2014	2.9	2.7	NA	CH2M
	01/14/2015	2.7	2.9	NA	CH2M
	04/02/2015	2.9	2.6	NA	CH2M
	07/07/2015	3.2	2.7	NA	CH2M
	10/08/2015	3.2	3.2	NA	Arcadis
	10/11/2016	3.6	2.6	NA	Arcadis
	04/07/2017	4.4	2.4	NA	Arcadis
	06/22/2017	2.8	2.7	NA	Arcadis
	11/01/2017	3.2	2.7	NA	Arcadis
	10/04/2018	3.3	2.4	NA	Arcadis
	10/23/2019	2.9	2.5	NA	Arcadis
	10/07/2020	3.4	2.5	NA	Arcadis
	12/02/2020	3.0	2.6	NA	Arcadis
No. of Samples: 21					
MW-175S1	03/12/2013	3.9	3.5	NA	CH2M
	04/15/2013	3.7	3.7	NA	CH2M
	07/16/2013	3.2	3.1	NA	CH2M
	10/10/2013	3.2	3.1	NA	CH2M
	10/10/2013*	3.1	3.1	NA	CH2M
	01/23/2014	3.0	3.2	NA	CH2M
	04/17/2014	4.2	3.8	NA	CH2M
	07/10/2014	3.1	3.2	NA	CH2M
	10/08/2014	3.4	3.3	NA	CH2M
	01/14/2015	3.1	3.4	NA	CH2M
	04/02/2015	3.6	3.2	NA	CH2M
	07/07/2015	3.2	3.2	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-175S1	07/07/2015*	3.2	3.1	NA	CH2M
	10/08/2015	3.4	3.2	NA	Arcadis
	01/05/2016	3.7	3.3	NA	Arcadis
	04/06/2016	3.2	3.2	NA	Arcadis
	04/06/2016*	3.4	3.2	NA	Arcadis
	07/07/2016	3.4	3.2	NA	Arcadis
	10/11/2016	3.2	3.1	NA	Arcadis
	04/07/2017	3.3	3.1	NA	Arcadis
	11/01/2017	3.3	3.2	NA	Arcadis
	04/05/2018	3.3	3.3	NA	Arcadis
	10/04/2018	3.2	3.2	NA	Arcadis
	04/08/2019	3.3	3.3	NA	Arcadis
	10/23/2019	3.3	3.0	NA	Arcadis
	04/15/2020	3.8	3.2	NA	Arcadis
	10/07/2020	4.3	3.1	NA	Arcadis
	12/02/2020	3.4	3.2	NA	Arcadis
	04/14/2021	3.4	3.4	NA	Arcadis
No. of Samples: 29					
MW-175S2	03/12/2013	3.3	3.0	NA	CH2M
	04/15/2013	3.0	3.1	NA	CH2M
	07/16/2013	3.1	3.0	NA	CH2M
	10/03/2013	2.9	3.2	NA	CH2M
	01/23/2014	3.0	3.0	NA	CH2M
	04/17/2014	3.1	3.2	NA	CH2M
	07/10/2014	3.1	3.1	NA	CH2M
	10/08/2014	3.2	3.2	NA	CH2M
	01/14/2015	3.0	3.3	NA	CH2M
	04/02/2015	3.6	3.2	NA	CH2M
	04/02/2015*	3.4	3.2	NA	CH2M
	07/07/2015	3.0	3.2	NA	CH2M
	10/08/2015	3.2	2.7	NA	Arcadis
	04/06/2016	3.8	3.1	NA	Arcadis
	10/11/2016	3.5	3.0	NA	Arcadis
	11/01/2017	3.0	3.0	NA	Arcadis
	10/04/2018	3.1	3.1	NA	Arcadis
	10/23/2019	3.3	3.0	NA	Arcadis
	10/07/2020	5.3	3.1	NA	Arcadis
	12/02/2020	3.2	3.1	NA	Arcadis
No. of Samples: 20					
MW-176S	03/12/2013	1.3	1.2	NA	CH2M
	04/16/2013	1.2	1.1	NA	CH2M
	07/10/2013	1.7	1.3	NA	CH2M
	10/16/2013	1.5	0.88	NA	CH2M
	01/21/2014	1.2	0.8	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-176S	04/18/2014	1.5	1.4	NA	CH2M
	07/24/2014	1.6	1.3	NA	CH2M
	10/10/2014	1.3	1.3	NA	CH2M
	10/10/2014*	1.3	1.3	NA	CH2M
	01/20/2015	1.4	1.2	NA	CH2M
	04/08/2015	1.2	1.1	NA	CH2M
	07/13/2015	ND (1.0)	1.0	NA	CH2M
	10/13/2015	ND (1.0)	0.77	NA	Arcadis
	10/13/2015*	ND (1.0)	0.78	NA	Arcadis
	04/13/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		15			
MW-177D	08/02/2013	NA	1.3	NA	CH2M
	10/08/2013	NA	1.4	NA	CH2M
	01/13/2014	NA	1.6	NA	CH2M
	04/03/2014	NA	1.6	NA	CH2M
	04/03/2014*	NA	1.6	NA	CH2M
	07/14/2014	NA	1.8	NA	CH2M
	10/16/2014	NA	1.5	NA	CH2M
	01/06/2015	NA	1.7	NA	CH2M
	04/13/2015	NA	1.7	NA	CH2M
	07/22/2015	NA	1.6	NA	CH2M
	10/19/2015	NA	1.7	NA	Arcadis
	01/18/2016	NA	1.6	NA	Arcadis
	04/18/2016	NA	1.7	NA	Arcadis
	07/19/2016	1.9	1.5	NA	Arcadis
	10/14/2016	1.8	1.5	NA	Arcadis
	01/09/2017	2.7	1.5	NA	Arcadis
	04/18/2017	1.7	1.5	NA	Arcadis
	07/26/2017	1.7	1.5	NA	Arcadis
	11/03/2017	1.6	1.6	NA	Arcadis
	01/17/2018	2.0	1.5	NA	Arcadis
	04/19/2018	1.8	1.6	NA	Arcadis
	07/19/2018	1.6	1.5	NA	Arcadis
	10/05/2018	1.7	1.5	NA	Arcadis
	01/14/2019	2.0	1.5	NA	Arcadis
	04/11/2019	1.9	1.5	NA	Arcadis
	07/12/2019	1.8	1.8	NA	Arcadis
	11/06/2019	2.0	1.4	NA	Arcadis
	01/21/2020	2.0	1.9	NA	Arcadis
	04/15/2020	1.9	1.6	NA	Arcadis
	07/14/2020	3.1	1.8	NA	Arcadis
	10/20/2020	2.0	1.6	NA	Arcadis
	01/04/2021	1.6	1.6	NA	Arcadis
	04/16/2021	2.1	1.9	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 33					
MW-177S	08/02/2013	NA	0.65	NA	CH2M
	10/08/2013	NA	0.64	NA	CH2M
	01/13/2014	NA	0.67	NA	CH2M
	04/03/2014	NA	0.71	NA	CH2M
	07/14/2014	NA	0.58	NA	CH2M
	10/16/2014	NA	0.72	NA	CH2M
	01/06/2015	NA	0.76	NA	CH2M
	04/13/2015	NA	0.75	NA	CH2M
	07/22/2015	NA	0.75	NA	CH2M
	10/19/2015	NA	0.82	NA	Arcadis
	01/18/2016	NA	0.75	NA	Arcadis
	04/18/2016	NA	0.79	NA	Arcadis
	07/19/2016	1.0	0.84	NA	Arcadis
	10/14/2016	1.1	0.76	NA	Arcadis
	01/09/2017	2.4	0.74	NA	Arcadis
	04/18/2017	1.3	0.79	NA	Arcadis
	07/26/2017	ND (1.0)	0.79	NA	Arcadis
	11/03/2017	1.1	0.85	NA	Arcadis
	01/17/2018	3.8	0.83	NA	Arcadis
	03/08/2018	1.0	0.82	NA	Arcadis
	04/19/2018	1.0	0.84	NA	Arcadis
	07/19/2018	ND (1.0)	0.87	NA	Arcadis
	10/05/2018	1.2	0.77	NA	Arcadis
	01/14/2019	1.0	0.77	NA	Arcadis
	04/11/2019	1.0	0.88	NA	Arcadis
	07/12/2019	1.1	0.89	NA	Arcadis
	11/06/2019	2.3	0.8	NA	Arcadis
	01/21/2020	1.1	0.83	NA	Arcadis
	04/15/2020	3.7	0.52	NA	Arcadis
	06/04/2020	2.2	1.8	NA	Arcadis
	07/14/2020	2.2	0.76	NA	Arcadis
	10/20/2020	1.3	0.65	NA	Arcadis
	01/04/2021	ND (1.0)	0.8	NA	Arcadis
	04/16/2021	1.2	0.85	NA	Arcadis
No. of Samples: 34					
MW-178D	07/01/2013	NA	68	NA	CH2M
	10/21/2013	NA	91	NA	CH2M
	01/13/2014	NA	170	NA	CH2M
	04/09/2014	NA	290	NA	CH2M
	07/15/2014	NA	290	NA	CH2M
	10/16/2014	NA	270	NA	CH2M
	01/06/2015	NA	210	NA	CH2M
	04/13/2015	NA	230	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-178D	04/13/2015*	NA	230	NA	CH2M
	07/22/2015	NA	230	NA	CH2M
	10/22/2015	NA	240	NA	Arcadis
	01/18/2016	NA	240	NA	Arcadis
	04/22/2016	NA	140	NA	Arcadis
	07/19/2016	230	190	NA	Arcadis
	10/14/2016	300	260	NA	Arcadis
	01/09/2017	180	160	NA	Arcadis
	04/06/2017	280	280	NA	Arcadis
	07/26/2017	160	150	NA	Arcadis
	11/02/2017	210	220	NA	Arcadis
	01/17/2018	250	210	NA	Arcadis
	01/17/2018*	250	210	NA	Arcadis
	04/19/2018	220	220	NA	Arcadis
	07/19/2018	180	160	NA	Arcadis
	10/05/2018	250	220	NA	Arcadis
	01/14/2019	200	180	NA	Arcadis
	04/11/2019	200	180	NA	Arcadis
	07/15/2019	120	120	NA	Arcadis
	11/06/2019	62	45	NA	Arcadis
	01/17/2020	52	46	NA	Arcadis
	01/17/2020*	51	41	NA	Arcadis
	05/06/2020	79	79	NA	Arcadis
	05/06/2020*	85	87	NA	Arcadis
	07/14/2020	78	48	NA	Arcadis
	10/20/2020	85	65	NA	Arcadis
	01/15/2021	51	42	NA	Arcadis
	04/16/2021	21	16	NA	Arcadis
	04/16/2021*	20	16	NA	Arcadis
No. of Samples:		37			
MW-178S	07/01/2013	NA	270	NA	CH2M
	10/21/2013	NA	260	NA	CH2M
	10/21/2013*	NA	270	NA	CH2M
	01/13/2014	NA	250	NA	CH2M
	04/09/2014	NA	220	NA	CH2M
	07/15/2014	NA	220	NA	CH2M
	10/16/2014	NA	210	NA	CH2M
	01/06/2015	220	210	NA	CH2M
	04/13/2015	180	200	NA	CH2M
	07/22/2015	210	190	NA	CH2M
	10/22/2015	170	190	NA	Arcadis
	01/18/2016	200	180	NA	Arcadis
	04/22/2016	160	180	NA	Arcadis
	07/19/2016	180	170	NA	Arcadis
	07/19/2016*	170	160	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-178S	10/14/2016	170	160	NA	Arcadis
	01/09/2017	190	160	NA	Arcadis
	04/06/2017	150	160	NA	Arcadis
	04/06/2017*	150	160	NA	Arcadis
	07/26/2017	150	160	NA	Arcadis
	07/26/2017*	150	160	NA	Arcadis
	11/02/2017	170	180	NA	Arcadis
	01/17/2018	170	160	NA	Arcadis
	04/12/2018	160	160	NA	Arcadis
	07/19/2018	160	180	NA	Arcadis
	07/19/2018*	170	180	NA	Arcadis
	10/05/2018	140	140	NA	Arcadis
	10/05/2018*	130	140	NA	Arcadis
	01/14/2019	140	130	NA	Arcadis
	01/14/2019*	140	130	NA	Arcadis
	04/11/2019	120	120	NA	Arcadis
	04/11/2019*	120	120	NA	Arcadis
	07/15/2019	99	100	NA	Arcadis
	10/22/2019	85	84	NA	Arcadis
	01/17/2020	130 J	110	NA	Arcadis
	05/06/2020	120	130	NA	Arcadis
	05/06/2020*	120	120	NA	Arcadis
	07/14/2020	130	120	NA	Arcadis
	07/14/2020*	140	120	NA	Arcadis
	10/20/2020	86	82	NA	Arcadis
	10/20/2020*	86	81	NA	Arcadis
	01/15/2021	76	78	NA	Arcadis
	01/15/2021*	80	78	NA	Arcadis
	04/16/2021	130	130	NA	Arcadis
	04/16/2021*	130	130	NA	Arcadis
No. of Samples:		45			
MW-179D	07/01/2013	NA	25	NA	CH2M
	07/01/2013*	NA	25	NA	CH2M
	10/03/2013	NA	26	NA	CH2M
	01/13/2014	NA	26	NA	CH2M
	04/07/2014	NA	26	NA	CH2M
	07/15/2014	NA	26	NA	CH2M
	10/16/2014	NA	27	NA	CH2M
	01/06/2015	NA	29	NA	CH2M
	04/13/2015	NA	28	NA	CH2M
	07/22/2015	NA	27	NA	CH2M
	07/22/2015*	NA	26	NA	CH2M
	10/22/2015	NA	29	NA	Arcadis
	01/18/2016	NA	30	NA	Arcadis
	04/22/2016	NA	32	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-179D	04/22/2016*	NA	32	NA	Arcadis
	07/21/2016	31	29	NA	Arcadis
	10/14/2016	31	29	NA	Arcadis
	01/09/2017	32	28	NA	Arcadis
	04/19/2017	28	28	NA	Arcadis
	07/26/2017	26	27	NA	Arcadis
	11/03/2017	26	28	NA	Arcadis
	01/17/2018	28	26	NA	Arcadis
	04/19/2018	27	26	NA	Arcadis
	07/19/2018	27	29	NA	Arcadis
	10/05/2018	30	30	NA	Arcadis
	01/14/2019	32	30	NA	Arcadis
	04/12/2019	34	32	NA	Arcadis
	07/15/2019	25	27	NA	Arcadis
	11/06/2019	24	24	NA	Arcadis
	01/15/2020	22	22	NA	Arcadis
	04/21/2020	23	23	NA	Arcadis
	07/15/2020	23	19	NA	Arcadis
	10/20/2020	24	22	NA	Arcadis
	01/05/2021	21	20	NA	Arcadis
	04/12/2021	20	20	NA	Arcadis
No. of Samples: 35					
MW-179M	04/12/2019	8.2	7.6	NA	Arcadis
	07/15/2019	5.7	5.9	NA	Arcadis
	11/06/2019	10	10	NA	Arcadis
	01/15/2020	9.9	10	NA	Arcadis
	04/21/2020	11	11	NA	Arcadis
	07/15/2020	9.4	7.6	NA	Arcadis
	10/20/2020	7.0	6.0	NA	Arcadis
	01/05/2021	5.9	5.6	NA	Arcadis
	04/12/2021	6.2	4.9	NA	Arcadis
No. of Samples: 9					
MW-179S	07/01/2013	NA	ND (0.78)	NA	CH2M
	10/03/2013	NA	0.68	NA	CH2M
	01/13/2014	NA	0.6	NA	CH2M
	04/07/2014	NA	0.59	NA	CH2M
	07/15/2014	NA	0.57	NA	CH2M
	10/16/2014	NA	0.55	NA	CH2M
	01/06/2015	NA	0.55	NA	CH2M
	04/13/2015	NA	0.57	NA	CH2M
	07/22/2015	NA	0.65	NA	CH2M
	10/22/2015	NA	0.67	NA	Arcadis
	01/18/2016	NA	0.6	NA	Arcadis
	04/22/2016	NA	0.68	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-179S	07/21/2016	ND (1.0)	0.71	NA	Arcadis
	01/09/2017	2.1	0.71	NA	Arcadis
	07/26/2017	ND (1.0)	0.61	NA	Arcadis
	01/17/2018	7.2	1.4	NA	Arcadis
	03/08/2018	2.1	1.7	NA	Arcadis
	07/19/2018	4.3	4.3	NA	Arcadis
	09/05/2018	6.1	5.8	NA	Arcadis
	11/27/2018	6.6	6.8	NA	Arcadis
	01/14/2019	7.7	7.2	NA	Arcadis
	04/12/2019	8.4	7.7	NA	Arcadis
	11/06/2019	6.7	6.3	NA	Arcadis
No. of Samples: 23					
MW-180RD	07/24/2013	NA	69	NA	CH2M
	10/21/2013	NA	94	NA	CH2M
	01/07/2014	NA	290	NA	CH2M
	04/10/2014	NA	100	NA	CH2M
	07/18/2014	NA	95	NA	CH2M
	07/18/2014*	NA	95	NA	CH2M
	10/16/2014	NA	97	NA	CH2M
	01/06/2015	NA	110	NA	CH2M
	04/14/2015	NA	97	NA	CH2M
	07/21/2015	NA	110	NA	CH2M
	10/21/2015	NA	220	NA	Arcadis
	01/18/2016	NA	200	NA	Arcadis
	04/22/2016	NA	200	NA	Arcadis
	07/21/2016	210	180	NA	Arcadis
	10/14/2016	200	190	NA	Arcadis
	01/11/2017	170	150	NA	Arcadis
	04/19/2017	160	170	NA	Arcadis
	07/26/2017	160	160	NA	Arcadis
	11/03/2017	140	160	NA	Arcadis
	01/18/2018	130	120	NA	Arcadis
	04/19/2018	92	96	NA	Arcadis
	07/12/2018	67	69	NA	Arcadis
	07/12/2018*	69	72	NA	Arcadis
	10/03/2018	52	51	NA	Arcadis
	01/11/2019	43	39	NA	Arcadis
	01/11/2019*	43	39	NA	Arcadis
	04/11/2019	37	32	NA	Arcadis
	07/12/2019	26	22	NA	Arcadis
	07/12/2019*	25	20	NA	Arcadis
	11/06/2019	7.9	6.7	NA	Arcadis
	01/20/2020	13	11	NA	Arcadis
	03/05/2020	12	11	NA	Arcadis
	04/17/2020	6.9	4.7	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-180RD	07/15/2020	5.7	3.5	NA	Arcadis
	07/15/2020*	5.6	3.4	NA	Arcadis
	10/23/2020	11	8.0	NA	Arcadis
	01/19/2021	13	11	NA	Arcadis
	04/12/2021	9.2	7.8	NA	Arcadis
No. of Samples: 38					
MW-180RS	07/24/2013	NA	86	NA	CH2M
	10/21/2013	NA	94	NA	CH2M
	01/07/2014	NA	78	NA	CH2M
	04/10/2014	NA	99	NA	CH2M
	07/18/2014	NA	92	NA	CH2M
	10/16/2014	NA	93	NA	CH2M
	01/06/2015	NA	100	NA	CH2M
	04/14/2015	NA	92	NA	CH2M
	07/21/2015	NA	92	NA	CH2M
	10/21/2015	NA	93	NA	Arcadis
	01/18/2016	NA	140	NA	Arcadis
	04/22/2016	NA	150	NA	Arcadis
	07/21/2016	160	160	NA	Arcadis
	10/14/2016	150	150	NA	Arcadis
	01/11/2017	170	170	NA	Arcadis
	04/19/2017	120	120	NA	Arcadis
	07/26/2017	72	72	NA	Arcadis
	07/26/2017*	71	72	NA	Arcadis
	11/03/2017	39	40	NA	Arcadis
	01/18/2018	46	41	NA	Arcadis
	04/19/2018	91	89	NA	Arcadis
	04/19/2018*	86	90	NA	Arcadis
	07/12/2018	71	70	NA	Arcadis
	10/02/2018	75	68	NA	Arcadis
	01/11/2019	34	30	NA	Arcadis
	04/11/2019	69	70	NA	Arcadis
	07/12/2019	66	65	NA	Arcadis
	11/06/2019	2.5	1.7	NA	Arcadis
	01/20/2020	79	80	NA	Arcadis
	04/17/2020	61	59	NA	Arcadis
	07/15/2020	45	33	NA	Arcadis
	10/23/2020	63	59	NA	Arcadis
	01/19/2021	12	11	NA	Arcadis
	04/12/2021	50	49	NA	Arcadis
	04/12/2021*	51	49	NA	Arcadis
No. of Samples: 35					
MW-181D	08/02/2013	NA	1.1	NA	CH2M
	10/08/2013	NA	1.3	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-181D	01/07/2014	NA	1.1	NA	CH2M
	04/09/2014	NA	ND (1.2)	NA	CH2M
	04/09/2014*	NA	ND (1.2)	NA	CH2M
	07/15/2014	NA	1.2	NA	CH2M
	10/16/2014	NA	1.1	NA	CH2M
	01/06/2015	NA	1.2	NA	CH2M
	04/14/2015	NA	1.2	NA	CH2M
	07/21/2015	NA	ND (1.1)	NA	CH2M
	10/19/2015	NA	1.1	NA	Arcadis
	01/18/2016	NA	1.1	NA	Arcadis
	04/13/2016	NA	1.0	NA	Arcadis
	07/21/2016	ND (1.0)	1.0	NA	Arcadis
	01/11/2017	ND (1.0)	0.6	NA	Arcadis
	07/25/2017	1.0	0.83	NA	Arcadis
	01/18/2018	1.3	0.83	NA	Arcadis
	01/18/2018*	1.1	0.83	NA	Arcadis
	07/12/2018	1.1	0.98	NA	Arcadis
	01/14/2019	1.3	0.89	NA	Arcadis
	07/12/2019	ND (1.0)	1.1	NA	Arcadis
	01/20/2020	1.3	1.1	NA	Arcadis
	07/15/2020	1.5	0.88	NA	Arcadis
	01/04/2021	ND (1.0)	1.1	NA	Arcadis
No. of Samples: 24					
MW-181S	08/02/2013	NA	0.93	NA	CH2M
	10/08/2013	NA	0.85	NA	CH2M
	01/07/2014	NA	0.8	NA	CH2M
	04/09/2014	NA	ND (0.77)	NA	CH2M
	07/15/2014	NA	0.77	NA	CH2M
	10/16/2014	NA	0.73	NA	CH2M
	01/06/2015	NA	0.8	NA	CH2M
	01/06/2015*	NA	0.81	NA	CH2M
	04/14/2015	NA	0.82	NA	CH2M
	07/21/2015	NA	ND (0.8)	NA	CH2M
	10/19/2015	NA	0.85	NA	Arcadis
	01/18/2016	NA	0.8	NA	Arcadis
	04/13/2016	NA	0.83	NA	Arcadis
	07/21/2016	ND (1.0)	0.87	NA	Arcadis
	01/11/2017	1.2	0.73	NA	Arcadis
	07/25/2017	ND (1.0)	0.82	NA	Arcadis
	01/18/2018	1.2	0.83	NA	Arcadis
	07/12/2018	1.5	0.69	NA	Arcadis
	01/14/2019	1.2	0.69	NA	Arcadis
	07/12/2019	ND (1.0)	0.82	NA	Arcadis
	01/20/2020	ND (1.0)	0.85	NA	Arcadis
	07/15/2020	1.6	0.59	NA	Arcadis

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-181S	01/04/2021	ND (1.0)	0.75	NA	Arcadis
No. of Samples: 23					
MW-182D	07/02/2013	NA	37	NA	CH2M
	07/02/2013*	NA	36	NA	CH2M
	10/03/2013	NA	40	NA	CH2M
	01/07/2014	NA	33	NA	CH2M
	04/09/2014	NA	42	NA	CH2M
	07/15/2014	NA	39	NA	CH2M
	10/15/2014	NA	27	NA	CH2M
	10/15/2014*	NA	28	NA	CH2M
	01/06/2015	NA	21	NA	CH2M
	04/09/2015	NA	28	NA	CH2M
	07/20/2015	NA	30	NA	CH2M
	10/22/2015	NA	16	NA	Arcadis
	10/22/2015*	NA	17	NA	Arcadis
	01/19/2016	NA	13	NA	Arcadis
	01/19/2016*	NA	13	NA	Arcadis
	04/13/2016	NA	13	NA	Arcadis
	07/21/2016	9.2	8.6	NA	Arcadis
	10/21/2016	3.5	3.4	NA	Arcadis
	01/10/2017	4.6	4.3	NA	Arcadis
	04/12/2017	5.8	5.2	NA	Arcadis
	07/20/2017	3.6	3.7	NA	Arcadis
	10/17/2017	2.7	2.7	NA	Arcadis
	10/17/2017*	2.7	2.7	NA	Arcadis
	01/10/2018	2.6	2.1	NA	Arcadis
	06/04/2018	2.8	1.6	NA	Arcadis
	08/06/2018	2.5	2.2	NA	Arcadis
	11/07/2018	2.2	2.0	NA	Arcadis
	02/12/2019	2.8	1.9	NA	Arcadis
	05/10/2019	2.5	2.3	NA	Arcadis
	08/06/2019	4.3	3.0	NA	Arcadis
	09/03/2019	3.5	3.2	NA	Arcadis
	11/06/2019	3.6	2.4	NA	Arcadis
	02/03/2020	2.5	2.4	NA	Arcadis
	05/05/2020	3.2	2.4	NA	Arcadis
	08/03/2020	3.0	1.9	NA	Arcadis
	08/03/2020*	2.9	1.9	NA	Arcadis
	11/03/2020	2.7	2.2	NA	Arcadis
	02/01/2021	2.6	2.1	NA	Arcadis
	02/01/2021*	2.4	2.1	NA	Arcadis
	05/03/2021	3.0	2.4	NA	Arcadis
No. of Samples: 40					
MW-182S	07/02/2013	NA	41	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-182S	10/03/2013	NA	35	NA	CH2M
	01/07/2014	NA	25	NA	CH2M
	04/09/2014	NA	24	NA	CH2M
	07/15/2014	NA	30	NA	CH2M
	10/15/2014	NA	22	NA	CH2M
	01/06/2015	NA	11	NA	CH2M
	04/09/2015	NA	14	NA	CH2M
	07/20/2015	NA	13	NA	CH2M
	10/22/2015	NA	13	NA	Arcadis
	01/19/2016	NA	5.1	NA	Arcadis
	04/13/2016	NA	5.7	NA	Arcadis
	07/21/2016	6.3	6.2	NA	Arcadis
	10/21/2016	5.8	5.6	NA	Arcadis
	01/10/2017	7.8	6.8	NA	Arcadis
	04/12/2017	3.5	3.2	NA	Arcadis
	07/20/2017	3.5	3.6	NA	Arcadis
	10/17/2017	4.5	2.9	NA	Arcadis
	01/10/2018	4.0	4.0	NA	Arcadis
	06/04/2018	2.8	2.3	NA	Arcadis
	08/06/2018	3.1	2.8	NA	Arcadis
	08/06/2018*	3.0	2.8	NA	Arcadis
	11/07/2018	2.9	2.3	NA	Arcadis
	02/12/2019	3.1	2.1	NA	Arcadis
	05/10/2019	1.9	1.7	NA	Arcadis
	05/10/2019*	1.7	1.5	NA	Arcadis
	08/06/2019	2.8	2.2	NA	Arcadis
	11/06/2019	4.7	4.0	NA	Arcadis
	02/03/2020	4.8	3.7	NA	Arcadis
	05/05/2020	4.4	3.8	NA	Arcadis
	08/03/2020	4.3	4.1	NA	Arcadis
No. of Samples:		31			
MW-183D	07/02/2013	NA	18	NA	CH2M
	10/03/2013	NA	22	NA	CH2M
	01/07/2014	NA	30	NA	CH2M
	04/09/2014	NA	30	NA	CH2M
	07/15/2014	NA	22	NA	CH2M
	07/15/2014*	NA	21	NA	CH2M
	10/15/2014	NA	23	NA	CH2M
	01/06/2015	NA	29	NA	CH2M
	04/09/2015	NA	30	NA	CH2M
	07/20/2015	NA	18	NA	CH2M
	10/22/2015	NA	20	NA	Arcadis
	01/19/2016	NA	26	NA	Arcadis
	04/13/2016	NA	20	NA	Arcadis
	07/14/2016	24	24	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-183D	10/21/2016	29	27	NA	Arcadis
	01/10/2017	40	36	NA	Arcadis
	04/12/2017	35	37	NA	Arcadis
	07/20/2017	25	28	NA	Arcadis
	10/19/2017	10	9.8	NA	Arcadis
	01/10/2018	30	28	NA	Arcadis
	06/04/2018	15	15	NA	Arcadis
	08/06/2018	16	16	NA	Arcadis
	11/07/2018	14	14	NA	Arcadis
	02/12/2019	28	29	NA	Arcadis
	05/10/2019	11	12	NA	Arcadis
	08/06/2019	5.5	5.6	NA	Arcadis
	11/06/2019	4.8	4.6	NA	Arcadis
	02/03/2020	9.4	9.0	NA	Arcadis
	05/05/2020	2.0	1.8	NA	Arcadis
	08/03/2020	5.2	4.8	NA	Arcadis
	11/02/2020	3.0	2.6	NA	Arcadis
	02/01/2021	5.3	5.0	NA	Arcadis
	03/01/2021	5.1	4.3	NA	Arcadis
	05/03/2021	3.8	3.1	NA	Arcadis
	05/03/2021*	3.7	3.2	NA	Arcadis
No. of Samples: 35					
MW-183S	07/02/2013	NA	36	NA	CH2M
	10/03/2013	NA	41	NA	CH2M
	01/07/2014	NA	39	NA	CH2M
	04/09/2014	NA	35	NA	CH2M
	07/15/2014	NA	33	NA	CH2M
	10/15/2014	NA	30	NA	CH2M
	01/06/2015	NA	29	NA	CH2M
	04/09/2015	NA	28	NA	CH2M
	07/20/2015	NA	32	NA	CH2M
	10/22/2015	NA	25	NA	Arcadis
	01/19/2016	NA	27	NA	Arcadis
	04/13/2016	NA	24	NA	Arcadis
	07/14/2016	32	33	NA	Arcadis
	07/14/2016*	34	33	NA	Arcadis
	10/21/2016	39	36	NA	Arcadis
	10/21/2016*	38	36	NA	Arcadis
	01/10/2017	44	42	NA	Arcadis
	04/12/2017	37	40	NA	Arcadis
	07/20/2017	25	28	NA	Arcadis
	10/19/2017	14	13	NA	Arcadis
	01/10/2018	12	11	NA	Arcadis
	06/04/2018	8.0	7.3	NA	Arcadis
	08/06/2018	7.9	7.9	NA	Arcadis

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-183S	11/07/2018	7.5	7.3	NA	Arcadis
	02/12/2019	10	8.6	NA	Arcadis
	05/10/2019	8.2	8.7	NA	Arcadis
	08/06/2019	3.4	3.2	NA	Arcadis
	11/06/2019	2.9	2.6	NA	Arcadis
	11/06/2019*	2.9	2.6	NA	Arcadis
	02/03/2020	5.6	4.8	NA	Arcadis
	05/05/2020	6.6	5.5	NA	Arcadis
	08/03/2020	3.1	3.2	NA	Arcadis
No. of Samples: 32					
MW-184S1	07/24/2013	2.6	2.4	NA	CH2M
	10/10/2013	3.3	3.1	NA	CH2M
	01/14/2014	6.4	5.2	NA	CH2M
	04/10/2014	4.1	4.0	NA	CH2M
	04/10/2014*	3.9	3.9	NA	CH2M
	07/24/2014	4.0	3.6	NA	CH2M
	10/06/2014	3.5	3.3	NA	CH2M
	01/12/2015	2.9	3.1	NA	CH2M
	04/01/2015	3.3	3.1	NA	CH2M
	07/06/2015	2.5	2.0	NA	CH2M
	10/06/2015	2.7	1.9	NA	Arcadis
	04/04/2016	2.6	1.9	NA	Arcadis
	07/06/2016	5.2	1.5	NA	Arcadis
	09/08/2016	2.1	1.7	NA	Arcadis
	10/05/2016	2.4	1.6	NA	Arcadis
	01/04/2017	2.4	1.8	NA	Arcadis
	01/04/2017*	2.5	1.8	NA	Arcadis
	04/04/2017	2.6	2.1	NA	Arcadis
	07/11/2017	1.9	2.2	NA	Arcadis
	10/05/2017	2.7	2.3	NA	Arcadis
	01/09/2018	3.4	2.7	NA	Arcadis
	10/11/2018	2.6	2.3	NA	Arcadis
	10/11/2018*	2.7	2.3	NA	Arcadis
	10/14/2019	2.4	1.9	NA	Arcadis
	10/14/2019*	2.2	1.9	NA	Arcadis
	05/07/2020	2.3	2.4	NA	Arcadis
	10/06/2020	4.5	2.1	NA	Arcadis
	12/02/2020	2.6	2.3	NA	Arcadis
No. of Samples: 28					
MW-184S2	07/24/2013	4.2	3.9	NA	CH2M
	10/10/2013	3.9	3.5	NA	CH2M
	01/14/2014	ND (1.0)	0.14	NA	CH2M
	04/10/2014	3.4	3.4	NA	CH2M
	07/24/2014	3.2	2.5	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-184S2	10/06/2014	3.3	3.1	NA	CH2M
	01/12/2015	3.0	3.2	NA	CH2M
	04/01/2015	2.9	2.7	NA	CH2M
	07/06/2015	3.4	2.9	NA	CH2M
	10/06/2015	3.7	3.3	NA	Arcadis
	10/05/2016	4.3	3.0	NA	Arcadis
	12/07/2016	4.0	3.0	NA	Arcadis
	10/05/2017	5.0	3.5	NA	Arcadis
	11/29/2017	4.1	3.7	NA	Arcadis
	10/11/2018	4.6	3.8	NA	Arcadis
	04/02/2019	4.8	4.2	NA	Arcadis
	10/14/2019	4.5	3.7	NA	Arcadis
	02/04/2020	5.4	4.0	NA	Arcadis
	03/04/2020	4.7	3.9	NA	Arcadis
	05/07/2020	4.5	3.9	NA	Arcadis
	07/13/2020	7.1	3.5	NA	Arcadis
	08/31/2020	6.2	3.7	NA	Arcadis
	10/05/2020	4.8	3.6	NA	Arcadis
	12/02/2020	5.5	3.5	NA	Arcadis
	01/19/2021	6.4	3.3	NA	Arcadis
	03/01/2021	4.4	3.3	NA	Arcadis
	04/06/2021	4.8	3.7	NA	Arcadis
	06/02/2021	5.1	3.5	NA	Arcadis
No. of Samples: 28					
MW-184S3	08/08/2013	4.5	4.1	NA	CH2M
	10/10/2013	3.8	3.7	NA	CH2M
	01/14/2014	3.7	3.4	NA	CH2M
	04/10/2014	4.3	4.3	NA	CH2M
	07/24/2014	6.1	4.0	NA	CH2M
	10/06/2014	4.6	4.5	NA	CH2M
	01/12/2015	4.6	4.6	NA	CH2M
	04/01/2015	5.2	4.5	NA	CH2M
	07/06/2015	5.0	4.7	NA	CH2M
	10/06/2015	5.5	4.7	NA	Arcadis
	01/04/2016	6.0	4.6	NA	Arcadis
	04/04/2016	4.7	4.7	NA	Arcadis
	07/06/2016	6.0	4.7	NA	Arcadis
	10/05/2016	5.6	4.6	NA	Arcadis
	01/30/2017	5.3	4.6	NA	Arcadis
	04/04/2017	5.8	4.7	NA	Arcadis
	07/11/2017	4.2	4.9	NA	Arcadis
	10/05/2017	4.7	4.6	NA	Arcadis
	04/03/2018	5.3	4.7	NA	Arcadis
	10/11/2018	6.7	4.6	NA	Arcadis
	11/28/2018	5.7	4.7	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-184S3	04/02/2019	6.0	4.8	NA	Arcadis
	10/14/2019	5.6	4.5	NA	Arcadis
	10/05/2020	5.7	4.6	NA	Arcadis
No. of Samples: 24					
MW-185S1	08/08/2013	5.8	4.9	NA	CH2M
	08/08/2013*	5.6	4.9	NA	CH2M
	10/10/2013	5.3	4.5	NA	CH2M
	01/16/2014	6.1	5.5	NA	CH2M
	04/09/2014	7.6	7.0	NA	CH2M
	07/17/2014	9.2	8.4	NA	CH2M
	10/13/2014	5.9	5.2	NA	CH2M
	01/12/2015	4.9	5.1	NA	CH2M
	04/01/2015	6.5	4.5	NA	CH2M
	07/06/2015	6.4	5.9	NA	CH2M
	10/06/2015	5.3	5.2	NA	Arcadis
	01/05/2016	5.6	5.0	NA	Arcadis
	04/04/2016	5.1	4.9	NA	Arcadis
	07/05/2016	5.6	4.8	NA	Arcadis
	07/05/2016*	5.8	5.0	NA	Arcadis
	10/05/2016	6.4	4.2	NA	Arcadis
	04/05/2017	5.1	5.0	NA	Arcadis
	10/05/2017	4.4	4.6	NA	Arcadis
	04/02/2018	5.3	4.8	NA	Arcadis
	10/17/2018	5.8	4.8	NA	Arcadis
	04/02/2019	4.7	4.8	NA	Arcadis
	10/07/2019	4.5	4.4	NA	Arcadis
	04/14/2020	4.7	4.5	NA	Arcadis
	10/05/2020	6.4	4.1	NA	Arcadis
	12/02/2020	5.1	3.8	NA	Arcadis
No. of Samples: 25					
MW-185S2	07/24/2013	4.9	4.3	NA	CH2M
	10/10/2013	2.4	1.9	NA	CH2M
	01/16/2014	5.5	0.73	NA	CH2M
	03/06/2014	4.7	3.7	NA	CH2M
	04/09/2014	5.0	3.3	NA	CH2M
	07/17/2014	5.5	2.7	NA	CH2M
	07/17/2014*	5.3	2.4	NA	CH2M
	10/08/2014	4.1	3.9	NA	CH2M
	01/12/2015	4.6	3.8	NA	CH2M
	04/01/2015	5.3	3.8	NA	CH2M
	07/06/2015	4.3	3.8	NA	CH2M
	10/06/2015	5.5	3.4	NA	Arcadis
	12/09/2015	4.5	4.1	NA	Arcadis
	04/04/2016	4.3	3.9	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-185S2	10/06/2016	5.0	3.7	NA	Arcadis
	12/07/2016	4.9	3.7	NA	Arcadis
	10/04/2017	3.7	3.7	NA	Arcadis
	10/17/2018	4.7	3.6	NA	Arcadis
	11/28/2018	4.7	3.6	NA	Arcadis
	10/07/2019	4.5	3.7	NA	Arcadis
	10/05/2020	5.6	3.8	NA	Arcadis
	12/02/2020	5.4	3.9	NA	Arcadis
No. of Samples: 22					
MW-185S3	07/24/2013	3.7	3.3	NA	CH2M
	10/10/2013	3.6	3.5	NA	CH2M
	01/16/2014	3.8	3.4	NA	CH2M
	01/16/2014*	3.5	3.4	NA	CH2M
	04/09/2014	4.5	4.2	NA	CH2M
	07/17/2014	4.9	4.4	NA	CH2M
	10/08/2014	3.9	3.8	NA	CH2M
	01/12/2015	3.9	4.2	NA	CH2M
	04/01/2015	4.3	4.0	NA	CH2M
	07/06/2015	4.1	4.0	NA	CH2M
	10/06/2015	3.9	3.9	NA	Arcadis
	10/05/2016	4.7	3.8	NA	Arcadis
	10/04/2017	3.9	3.9	NA	Arcadis
	10/17/2018	4.4	3.8	NA	Arcadis
	10/07/2019	4.2	3.8	NA	Arcadis
	10/05/2020	5.5	3.9	NA	Arcadis
	12/02/2020	4.7	3.9	NA	Arcadis
	04/06/2021	4.4	4.2	NA	Arcadis
No. of Samples: 18					
MW-186S1	09/26/2013	4.8	4.5	NA	CH2M
	10/10/2013	3.9	4.1	NA	CH2M
	01/16/2014	5.8	4.3	NA	CH2M
	04/10/2014	9.0	5.5	NA	CH2M
	07/24/2014	6.2	5.0	NA	CH2M
	10/06/2014	8.2	4.2	NA	CH2M
	01/12/2015	4.6	4.4	NA	CH2M
	01/12/2015*	4.4	4.4	NA	CH2M
	04/01/2015	7.0	5.3	NA	CH2M
	07/06/2015	5.6	4.2	NA	CH2M
	10/06/2015	6.0	4.7	NA	Arcadis
	01/11/2016	5.8	5.2	NA	Arcadis
	04/04/2016	6.9	5.3	NA	Arcadis
	07/06/2016	5.0	4.8	NA	Arcadis
	10/05/2016	6.3	4.2	NA	Arcadis
	01/30/2017	5.1	4.6	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-186S1	04/05/2017	4.9	4.6	NA	Arcadis
	07/12/2017	4.3	5.0	NA	Arcadis
	10/10/2017	5.2	4.8	NA	Arcadis
	01/10/2018	4.8	4.6	NA	Arcadis
	01/10/2018*	4.8	4.6	NA	Arcadis
	10/11/2018	4.9	4.7	NA	Arcadis
	10/07/2019	5.7	4.6	NA	Arcadis
	06/03/2020	5.2	4.5	NA	Arcadis
	10/07/2020	6.0	4.3	NA	Arcadis
	12/02/2020	5.0	4.3	NA	Arcadis
No. of Samples: 26					
MW-186S2	08/01/2013	3.5	2.9	NA	CH2M
	10/10/2013	1.6	1.1	NA	CH2M
	10/10/2013*	1.6	1.0	NA	CH2M
	01/16/2014	4.1	3.0	NA	CH2M
	04/10/2014	3.7	3.7	NA	CH2M
	04/10/2014*	3.7	3.6	NA	CH2M
	07/24/2014	4.9	3.1	NA	CH2M
	10/06/2014	5.2	2.3	NA	CH2M
	01/12/2015	6.0	1.6	NA	CH2M
	03/03/2015	5.5	1.8	NA	CH2M
	04/01/2015	7.1	1.4	NA	CH2M
	07/06/2015	6.7	1.4	NA	CH2M
	10/06/2015	6.1	1.9	NA	Arcadis
	12/09/2015	4.3	3.1	NA	Arcadis
	10/05/2016	5.9	3.0	NA	Arcadis
	10/05/2016*	5.5	3.0	NA	Arcadis
	12/07/2016	12	1.6	NA	Arcadis
	10/09/2017	5.3	3.2	NA	Arcadis
	11/28/2017	4.2	3.4	NA	Arcadis
	10/10/2018	4.7	3.6	NA	Arcadis
	11/28/2018	5.1	3.5	NA	Arcadis
	04/02/2019	5.5	3.6	NA	Arcadis
	06/06/2019	6.7	3.3	NA	Arcadis
	10/07/2019	3.8	2.6	NA	Arcadis
	12/02/2019	14	3.7	NA	Arcadis
	02/03/2020	7.9	3.3	NA	Arcadis
	03/04/2020	5.5	3.4	NA	Arcadis
	04/14/2020	4.6	3.4	NA	Arcadis
	07/13/2020	9.4	2.9	NA	Arcadis
	08/31/2020	5.3	3.7	NA	Arcadis
	10/07/2020	6.0	3.0	NA	Arcadis
	12/02/2020	5.8	3.1	NA	Arcadis
	01/19/2021	4.9	3.4	NA	Arcadis
	03/01/2021	5.2	3.0	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-186S2	04/06/2021	4.9	3.3	NA	Arcadis
	06/02/2021	5.8	2.9	NA	Arcadis
No. of Samples:	36				
MW-186S3	08/01/2013	4.3	3.5	NA	CH2M
	10/10/2013	4.0	2.7	NA	CH2M
	01/16/2014	4.4	3.3	NA	CH2M
	04/10/2014	3.9	3.4	NA	CH2M
	07/24/2014	4.7	3.4	NA	CH2M
	10/06/2014	4.2	3.7	NA	CH2M
	01/12/2015	4.1	3.9	NA	CH2M
	04/02/2015	5.2	4.0	NA	CH2M
	04/02/2015*	5.1	4.0	NA	CH2M
	07/06/2015	4.5	3.0	NA	CH2M
	10/06/2015	4.3	3.3	NA	Arcadis
	04/04/2016	7.2	4.0	NA	Arcadis
	07/05/2016	4.4	4.0	NA	Arcadis
	10/05/2016	6.2	4.1	NA	Arcadis
	01/04/2017	5.4	4.0	NA	Arcadis
	04/04/2017	4.2	4.1	NA	Arcadis
	07/11/2017	3.8	4.2	NA	Arcadis
	10/09/2017	5.3	4.0	NA	Arcadis
	11/28/2017	4.6	4.2	NA	Arcadis
	01/09/2018	4.2	3.9	NA	Arcadis
	04/02/2018	5.6	4.1	NA	Arcadis
	06/07/2018	5.1	3.8	NA	Arcadis
	07/09/2018	4.4	4.0	NA	Arcadis
	10/10/2018	4.4	4.0	NA	Arcadis
	10/10/2018*	4.4	4.0	NA	Arcadis
	04/02/2019	5.2	4.0	NA	Arcadis
	06/06/2019	4.3	4.2	NA	Arcadis
	10/07/2019	6.0	3.9	NA	Arcadis
	12/02/2019	4.6	4.3	NA	Arcadis
	10/07/2020	5.6	4.1	NA	Arcadis
	12/02/2020	5.8	4.0	NA	Arcadis
No. of Samples:	31				
MW-187D1	08/01/2013	2.9	2.2	NA	CH2M
	10/16/2013	2.8	2.3	NA	CH2M
	01/21/2014	3.1	2.2	NA	CH2M
	04/18/2014	2.7	2.7	NA	CH2M
	07/24/2014	3.3	2.7	NA	CH2M
	10/10/2014	3.5	2.8	NA	CH2M
	10/10/2014*	3.3	2.8	NA	CH2M
	01/20/2015	3.2	3.0	NA	CH2M
	04/08/2015	3.1	2.8	NA	CH2M

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-187D1	07/14/2015	2.9	2.8	NA	CH2M
	10/13/2015	2.6	2.7	NA	Arcadis
	10/13/2015*	2.6	2.7	NA	Arcadis
No. of Samples: 12					
MW-187D2	08/01/2013	1.3	0.85	NA	CH2M
	10/16/2013	2.2	1.7	NA	CH2M
	01/21/2014	2.5	1.9	NA	CH2M
	04/18/2014	2.1	2.1	NA	CH2M
	07/24/2014	2.7	2.2	NA	CH2M
	10/10/2014	2.3	2.2	NA	CH2M
	01/20/2015	2.4	2.1	NA	CH2M
	04/08/2015	2.4	2.3	NA	CH2M
	07/14/2015	2.1	2.0	NA	CH2M
	10/13/2015	1.9	2.0	NA	Arcadis
	04/13/2021	2.6	2.2	NA	Arcadis
No. of Samples: 11					
MW-187S1	08/01/2013	3.4	2.4	NA	CH2M
	10/16/2013	3.1	2.4	NA	CH2M
	01/21/2014	2.9	1.9	NA	CH2M
	04/18/2014	3.1	2.8	NA	CH2M
	07/24/2014	3.1	2.6	NA	CH2M
	10/10/2014	2.4	2.4	NA	CH2M
	01/20/2015	2.6	2.4	NA	CH2M
	04/08/2015	2.6	2.3	NA	CH2M
No. of Samples: 8					
MW-188S1	09/26/2013	7.2	7.0	NA	CH2M
	09/26/2013*	6.7	7.0	NA	CH2M
	10/15/2013	6.7	6.8	NA	CH2M
	01/22/2014	6.3	6.9	NA	CH2M
	04/10/2014	8.2	7.3	NA	CH2M
	07/16/2014	8.2	7.2	NA	CH2M
	10/06/2014	8.0	7.3	NA	CH2M
	01/13/2015	7.0	6.8	NA	CH2M
	04/02/2015	11	7.0	NA	CH2M
	06/22/2015	7.1	7.2	NA	CH2M
	07/07/2015	6.7	7.0	NA	CH2M
	10/06/2015	7.7	6.7	NA	Arcadis
	01/11/2016	7.2	6.8	NA	Arcadis
	04/06/2016	7.1	6.9	NA	Arcadis
	07/07/2016	7.1	6.9	NA	Arcadis
	10/18/2016	6.7	6.8	NA	Arcadis
	04/04/2017	6.9	6.9	NA	Arcadis
	10/12/2017	6.4	7.0	NA	Arcadis
	04/02/2018	6.7	7.0	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-188S1	10/18/2018	7.4	6.5	NA	Arcadis
	04/02/2019	7.7	6.8	NA	Arcadis
	10/08/2019	7.0	6.4	NA	Arcadis
	04/14/2020	6.8	6.7	NA	Arcadis
	10/07/2020	7.7	6.6	NA	Arcadis
	04/06/2021	7.5	6.7	NA	Arcadis
No. of Samples: 25					
MW-188S2	10/15/2013	1.5	0.94	NA	CH2M
	01/22/2014	1.1	0.82	NA	CH2M
	04/11/2014	3.2	2.7	NA	CH2M
	07/17/2014	3.7	2.7	NA	CH2M
	10/07/2014	2.8	2.9	NA	CH2M
	01/14/2015	2.9	2.7	NA	CH2M
	04/03/2015	5.2	2.1	NA	CH2M
	07/07/2015	2.3	2.1	NA	CH2M
	10/07/2015	4.1	3.2	NA	Arcadis
	10/18/2016	1.1	0.86	NA	Arcadis
	10/12/2017	3.0	1.7	NA	Arcadis
	11/29/2017	2.9	3.0	NA	Arcadis
	10/18/2018	3.8	3.3	NA	Arcadis
	10/08/2019	2.1	1.7	NA	Arcadis
	10/07/2020	2.5	0.59	NA	Arcadis
	12/02/2020	7.8	2.0	NA	Arcadis
No. of Samples: 16					
MW-188S3	08/08/2013	4.5	4.1	NA	CH2M
	10/14/2013	4.2	4.0	NA	CH2M
	01/22/2014	5.4	3.7	NA	CH2M
	03/06/2014	4.4	4.5	NA	CH2M
	03/06/2014*	4.9	4.5	NA	CH2M
	04/10/2014	6.6	4.4	NA	CH2M
	07/16/2014	6.0	4.3	NA	CH2M
	10/06/2014	6.1	4.5	NA	CH2M
	01/12/2015	6.2	4.7	NA	CH2M
	04/02/2015	6.7	4.5	NA	CH2M
	07/07/2015	5.2	4.6	NA	CH2M
	10/06/2015	5.9	4.6	NA	Arcadis
	04/04/2016	8.3	4.2	NA	Arcadis
	10/17/2016	4.4	4.4	NA	Arcadis
	10/11/2017	6.3	4.5	NA	Arcadis
	11/28/2017	5.0	4.5	NA	Arcadis
	10/18/2018	6.0	4.5	NA	Arcadis
	11/28/2018	7.0	4.5	NA	Arcadis
	10/08/2019	4.9	4.2	NA	Arcadis
	10/07/2020	5.8	4.4	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-188S3	12/02/2020	5.2	4.4	NA	Arcadis
<i>No. of Samples:</i> 21					
MW-189D1	08/08/2013	ND (1.0)	0.35	NA	CH2M
	10/18/2013	ND (1.0)	0.43	NA	CH2M
	01/21/2014	1.2	0.44	NA	CH2M
	04/08/2014	ND (1.0)	0.5	NA	CH2M
	07/14/2014	ND (1.0)	0.56	NA	CH2M
	10/13/2014	ND (1.0)	0.55	NA	CH2M
	01/07/2015	ND (1.0)	0.53	NA	CH2M
	04/13/2015	ND (1.0)	0.52	NA	CH2M
	07/14/2015	ND (1.0)	0.64	NA	CH2M
	07/14/2015*	ND (1.0)	0.64	NA	CH2M
	10/07/2015	ND (1.0)	0.61	NA	Arcadis
<i>No. of Samples:</i> 11					
MW-189D2	08/08/2013	ND (1.0)	0.44	NA	CH2M
	10/18/2013	ND (1.0)	0.41	NA	CH2M
	01/21/2014	ND (1.0)	0.41	NA	CH2M
	04/08/2014	ND (1.0)	0.46	NA	CH2M
	07/14/2014	ND (1.0)	0.53	NA	CH2M
	10/13/2014	ND (1.0)	0.48	NA	CH2M
	01/07/2015	ND (1.0)	0.46	NA	CH2M
	04/13/2015	ND (1.0)	0.46	NA	CH2M
	07/14/2015	ND (1.0)	0.5	NA	CH2M
	10/07/2015	ND (1.0)	0.5	NA	Arcadis
	04/23/2021	1.2	0.72	NA	Arcadis
<i>No. of Samples:</i> 11					
MW-189D3	08/08/2013	ND (1.0)	0.66	NA	CH2M
	10/18/2013	ND (1.0)	0.63	NA	CH2M
	01/21/2014	1.1	0.7	NA	CH2M
	04/08/2014	ND (1.0)	0.69	NA	CH2M
	04/08/2014*	ND (1.0)	0.68	NA	CH2M
	07/14/2014	ND (1.0)	0.59	NA	CH2M
	10/13/2014	ND (1.0)	0.71	NA	CH2M
	01/07/2015	ND (1.0)	0.78	NA	CH2M
	04/13/2015	ND (1.0)	0.67	NA	CH2M
	07/14/2015	ND (1.0)	0.7	NA	CH2M
	10/07/2015	ND (1.0)	0.7	NA	Arcadis
	04/23/2021	1.0	0.87	NA	Arcadis
<i>No. of Samples:</i> 12					
MW-190D1	08/08/2013	2.0	1.7	NA	CH2M
	10/16/2013	2.9	2.5	NA	CH2M
	01/21/2014	3.0	2.6	NA	CH2M
	01/21/2014*	3.0	2.5	NA	CH2M
	04/14/2014	3.0	2.9	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-190D1	07/24/2014	3.1	2.8	NA	CH2M
	10/10/2014	2.8	2.8	NA	CH2M
	01/21/2015	3.1	2.8	NA	CH2M
	04/08/2015	2.9	2.9	NA	CH2M
	07/20/2015	2.6	2.7	NA	CH2M
	10/13/2015	3.4	3.4	NA	Arcadis
	04/13/2021	1.8	1.4	NA	Arcadis
No. of Samples:	12				
MW-190D2	08/08/2013	2.7	2.4	NA	CH2M
	10/16/2013	2.7	2.2	NA	CH2M
	01/21/2014	3.3	2.1	NA	CH2M
	04/14/2014	2.6	2.3	NA	CH2M
	07/24/2014	2.7	2.2	NA	CH2M
	10/10/2014	2.3	2.3	NA	CH2M
	01/21/2015	2.6	2.4	NA	CH2M
	01/21/2015*	2.6	2.4	NA	CH2M
	04/08/2015	2.4	2.3	NA	CH2M
	07/20/2015	2.2	2.3	NA	CH2M
	10/13/2015	3.0	2.2	NA	Arcadis
	04/13/2021	1.7	1.5	NA	Arcadis
No. of Samples:	12				
MW-190S1	08/08/2013	2.7	2.2	NA	CH2M
	10/16/2013	2.6	1.7	NA	CH2M
	01/21/2014	3.4	2.6	NA	CH2M
	04/14/2014	3.1	3.0	NA	CH2M
	07/24/2014	3.1	2.6	NA	CH2M
	10/10/2014	2.3	2.5	NA	CH2M
	10/10/2014*	2.3	2.5	NA	CH2M
	01/21/2015	3.1	2.1	NA	CH2M
	04/08/2015	2.1	1.6	NA	CH2M
	07/20/2015	2.7	2.7	NA	CH2M
	10/13/2015	2.9	2.6	NA	Arcadis
	10/13/2015*	2.8	2.7	NA	Arcadis
	04/13/2021	2.8	2.6	NA	Arcadis
No. of Samples:	13				
MW-191D1	08/26/2013	2.2	2.1	NA	CH2M
	10/18/2013	2.4	2.2	NA	CH2M
	01/21/2014	1.8	1.5	NA	CH2M
	04/08/2014	1.7	1.6	NA	CH2M
	07/14/2014	2.5	2.3	NA	CH2M
	07/14/2014*	2.5	2.4	NA	CH2M
	10/13/2014	2.9	2.8	NA	CH2M
	01/14/2015	1.7	1.8	NA	CH2M
	04/13/2015	2.0	1.7	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-191D1	07/20/2015	2.4	2.8	NA	CH2M
	10/07/2015	3.0	2.9	NA	Arcadis
No. of Samples: 11					
MW-191D2	08/08/2013	1.2	0.9	NA	CH2M
	10/18/2013	1.3	1.2	NA	CH2M
	01/21/2014	1.5	1.3	NA	CH2M
	04/08/2014	1.6	1.4	NA	CH2M
	07/14/2014	1.5	1.4	NA	CH2M
	10/13/2014	1.5	1.4	NA	CH2M
	01/14/2015	1.5	1.5	NA	CH2M
	04/13/2015	1.8	1.5	NA	CH2M
	04/13/2015*	1.7	1.5	NA	CH2M
	07/20/2015	1.3	1.6	NA	CH2M
	10/07/2015	1.8	1.6	NA	Arcadis
	04/05/2021	2.6	2.4	NA	Arcadis
No. of Samples: 12					
MW-191D3	08/08/2013	1.9	1.6	NA	CH2M
	10/18/2013	1.9	1.7	NA	CH2M
	01/21/2014	2.2	2.0	NA	CH2M
	04/08/2014	2.0	1.9	NA	CH2M
	07/14/2014	1.8	1.6	NA	CH2M
	10/13/2014	2.0	1.6	NA	CH2M
	01/14/2015	1.9	2.0	NA	CH2M
	04/13/2015	1.7	1.7	NA	CH2M
	07/20/2015	1.4	1.6	NA	CH2M
	10/07/2015	2.1	1.6	NA	Arcadis
	04/05/2021	1.7	1.5	NA	Arcadis
No. of Samples: 11					
MW-192D	08/26/2013	4.1	4.0	NA	CH2M
	10/16/2013	4.8	4.1	NA	CH2M
	10/16/2013*	4.8	4.1	NA	CH2M
	01/21/2014	4.8	4.4	NA	CH2M
	04/08/2014	4.5	4.4	NA	CH2M
	07/14/2014	4.7	5.0	NA	CH2M
	10/13/2014	4.1	4.4	NA	CH2M
	01/14/2015	4.3	4.4	NA	CH2M
	04/13/2015	4.7	4.4	NA	CH2M
	07/14/2015	4.7	4.8	NA	CH2M
	07/14/2015*	4.3	4.7	NA	CH2M
	10/22/2015	4.9	4.5	NA	Arcadis
	01/13/2016	4.6	4.4	NA	Arcadis
	01/13/2016*	5.0	4.5	NA	Arcadis
	04/08/2016	5.5	4.4	NA	Arcadis
	07/18/2016	4.7	4.2	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-192D	10/31/2016	4.0	3.7	NA	Arcadis
	01/11/2017	3.9	3.2	NA	Arcadis
	04/13/2017	2.7	2.7	NA	Arcadis
	10/16/2017	2.4	2.4	NA	Arcadis
	01/17/2018	3.5	2.9	NA	Arcadis
	04/14/2021	2.7	2.1	NA	Arcadis
	04/14/2021*	2.5	2.1	NA	Arcadis
<i>No. of Samples:</i> 23					
MW-192S	08/26/2013	3.4	3.4	NA	CH2M
	10/16/2013	4.1	3.6	NA	CH2M
	01/21/2014	4.1	3.8	NA	CH2M
	04/08/2014	4.1	4.4	NA	CH2M
	07/14/2014	4.1	4.1	NA	CH2M
	10/13/2014	4.1	3.7	NA	CH2M
	01/14/2015	3.7	3.9	NA	CH2M
	04/13/2015	3.9	3.7	NA	CH2M
	07/14/2015	3.8	4.0	NA	CH2M
	10/22/2015	4.1	4.0	NA	Arcadis
	01/13/2016	4.5	4.2	NA	Arcadis
	04/08/2016	4.6	4.1	NA	Arcadis
	07/18/2016	4.0	3.8	NA	Arcadis
<i>No. of Samples:</i> 13					
MW-193S1	08/08/2013	4.8	4.2	NA	CH2M
	10/11/2013	4.3	4.2	NA	CH2M
	01/22/2014	4.4	4.2	NA	CH2M
	04/10/2014	4.8	4.4	NA	CH2M
	07/14/2014	4.2	4.3	NA	CH2M
	10/07/2014	5.0	4.6	NA	CH2M
	01/12/2015	4.0	4.7	NA	CH2M
	04/02/2015	4.5	4.5	NA	CH2M
	07/07/2015	4.2	4.3	NA	CH2M
	10/06/2015	4.5	4.4	NA	Arcadis
	01/08/2016	5.2	4.4	NA	Arcadis
	04/20/2016	4.7	4.5	NA	Arcadis
	07/06/2016	5.7	4.4	NA	Arcadis
	10/10/2016	4.7	4.3	NA	Arcadis
	01/04/2017	5.1	4.4	NA	Arcadis
	04/03/2017	4.8	4.5	NA	Arcadis
	07/12/2017	4.1	4.5	NA	Arcadis
	10/17/2017	4.2	4.5	NA	Arcadis
	01/10/2018	4.5 J	4.4	NA	Arcadis
	10/12/2018	4.7	4.5	NA	Arcadis
	04/02/2019	5.4	4.1	NA	Arcadis
	06/06/2019	5.5	4.4	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-193S1	10/08/2019	5.3	3.9	NA	Arcadis
	12/02/2019	4.7	4.6	NA	Arcadis
	10/06/2020	5.2	4.2	NA	Arcadis
	04/06/2021	5.6	4.5	NA	Arcadis
<i>No. of Samples:</i> 26					
MW-193S2	09/25/2013	21	20.8	NA	CH2M
	09/30/2013	6.5	6.2	NA	CH2M
	10/11/2013	11.6	11.4	NA	CH2M
	01/22/2014	42	42.4	NA	CH2M
	04/10/2014	7.1	7.7	NA	CH2M
	07/14/2014	4.7	4.6	NA	CH2M
	10/07/2014	4.2	4.5	NA	CH2M
	01/12/2015	11	12	NA	CH2M
	04/02/2015	4.8	4.6	NA	CH2M
	07/07/2015	7.0	7.1	NA	CH2M
	10/06/2015	9.8	11	NA	Arcadis
	12/01/2015	3.8	4.0	NA	Arcadis
	01/08/2016	4.8	4.2	NA	Arcadis
	04/20/2016	3.7	3.8	NA	Arcadis
	07/06/2016	6.6	4.0	NA	Arcadis
	10/10/2016	7.2	6.2	NA	Arcadis
	01/04/2017	4.9	4.7	NA	Arcadis
	04/03/2017	4.8	4.7	NA	Arcadis
	07/12/2017	3.4	4.0	NA	Arcadis
	10/17/2017	4.5	4.4	NA	Arcadis
	01/10/2018	3.1	3.2	NA	Arcadis
	10/12/2018	3.8	3.6	NA	Arcadis
	10/08/2019	4.2	3.6	NA	Arcadis
	10/06/2020	4.4	3.7	NA	Arcadis
<i>No. of Samples:</i> 24					
MW-193S3	09/25/2013	167	150	NA	CH2M
	09/30/2013	9.2	6.5	NA	CH2M
	10/11/2013	134	125	NA	CH2M
	11/06/2013	160	143	NA	CH2M
	01/24/2014	270	275	NA	CH2M
	04/11/2014	250	220	NA	CH2M
	07/14/2014	150	140	NA	CH2M
	10/08/2014	100	110	NA	CH2M
	01/13/2015	56	65	NA	CH2M
	01/13/2015*	49 J	65 J	NA	CH2M
	04/03/2015	32	30	NA	CH2M
	07/07/2015	17	13	NA	CH2M
	10/07/2015	11	8.0	NA	Arcadis
	01/07/2016	7.3	4.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-193S3	01/07/2016*	8.8	4.4	NA	Arcadis
	04/21/2016	1.4	0.97	NA	Arcadis
	07/07/2016	3.2	0.82	NA	Arcadis
	09/08/2016	1.8	ND (0.2)	NA	Arcadis
	10/11/2016	2.4	1.2	NA	Arcadis
	12/08/2016	2.8	2.1	NA	Arcadis
	01/05/2017	1.7	0.88	NA	Arcadis
	04/04/2017	1.7	0.62	NA	Arcadis
	06/07/2017	ND (1.0)	0.31	NA	Arcadis
	07/13/2017	ND (1.0)	0.31	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/03/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	7.5	6.7	NA	Arcadis
	04/14/2020	1.3	0.49	NA	Arcadis
	10/06/2020	ND (1.9)	0.84	NA	Arcadis
	12/02/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 32					
MW-194S1	09/30/2013	20.7	21	NA	CH2M
	10/15/2013	6.2	6.7	NA	CH2M
	01/16/2014	7.2	7.0	NA	CH2M
	04/09/2014	8.1	5.8	NA	CH2M
	04/09/2014*	8.3	5.8	NA	CH2M
	07/17/2014	6.5	6.3	NA	CH2M
	10/08/2014	8.2	6.1	NA	CH2M
	01/20/2015	7.1	6.4	NA	CH2M
	04/01/2015	6.6	5.5	NA	CH2M
	07/06/2015	5.1	4.0	NA	CH2M
	10/06/2015	5.5	5.2	NA	Arcadis
	01/06/2016	5.1	4.7	NA	Arcadis
	04/06/2016	6.0	4.6	NA	Arcadis
	07/06/2016	5.5	5.4	NA	Arcadis
	10/17/2016	5.8	5.2	NA	Arcadis
	01/31/2017	5.6	5.8	NA	Arcadis
	04/06/2017	4.7	4.9	NA	Arcadis
	10/11/2017	5.7	4.8	NA	Arcadis
	04/03/2018	5.8	5.9	NA	Arcadis
	10/10/2018	4.9	4.9	NA	Arcadis
	04/02/2019	4.5	4.5	NA	Arcadis
	04/02/2019*	4.6	4.5	NA	Arcadis
	10/14/2019	6.2	3.5	NA	Arcadis
	12/02/2019	2.9	2.8	NA	Arcadis
	04/24/2020	4.3	3.2	NA	Arcadis
	06/03/2020	5.1	3.2	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-194S1	10/07/2020	5.3	4.1	NA	Arcadis
	12/02/2020	6.2	5.5	NA	Arcadis
	04/06/2021	7.8	4.3	NA	Arcadis
	06/02/2021	4.8	4.2	NA	Arcadis
No. of Samples:		30			
MW-194S2	10/15/2013	3.4	2.9	NA	CH2M
	01/16/2014	2.2	0.16	NA	CH2M
	03/07/2014	6.4	4.1	NA	CH2M
	04/09/2014	6.9	4.9	NA	CH2M
	07/17/2014	ND (1.0)	0.11	NA	CH2M
	10/06/2014	ND (1.0)	0.27	NA	CH2M
	01/20/2015	ND (1.0)	0.25	NA	CH2M
	04/02/2015	2.1	1.9	NA	CH2M
	07/07/2015	2.9	2.9	NA	CH2M
	10/06/2015	ND (1.0)	0.14	NA	Arcadis
	10/18/2016	ND (1.0)	0.35	NA	Arcadis
	10/18/2016*	ND (1.0)	0.37	NA	Arcadis
	10/11/2017	ND (1.0)	0.33	NA	Arcadis
	10/10/2018	6.2	ND (0.2)	NA	Arcadis
	11/28/2018	4.2	ND (0.2)	NA	Arcadis
	10/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2020	1.6	ND (0.2)	NA	Arcadis
	12/02/2020	1.6	ND (0.2)	NA	Arcadis
No. of Samples:		18			
MW-194S3	10/15/2013	2.7	2.8	NA	CH2M
	01/08/2014	ND (1.0)	0.33	NA	CH2M
	04/10/2014	ND (1.0)	0.2	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2014	ND (1.0)	0.97	NA	CH2M
	01/21/2015	ND (1.0)	1.1	NA	CH2M
	04/03/2015	ND (1.0)	0.68	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.14)	NA	CH2M
	10/07/2015	ND (1.0)	0.085	NA	Arcadis
	04/04/2016	1.0	0.34	NA	Arcadis
	10/18/2016	ND (1.0)	0.31	NA	Arcadis
	10/12/2017	2.3	2.1	NA	Arcadis
	10/12/2017*	2.1	2.0	NA	Arcadis
	10/10/2018	ND (1.0)	0.58	NA	Arcadis
	10/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		16			
MW-195S1	09/26/2013	5.2	4.6	NA	CH2M
	10/15/2013	7.3	6.5	NA	CH2M
	01/22/2014	5.1	5.1	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-195S1	04/14/2014	6.8	6.0	NA	CH2M
	07/17/2014	5.3	4.7	NA	CH2M
	07/17/2014*	5.3	4.7	NA	CH2M
	10/06/2014	6.0	5.8	NA	CH2M
	01/13/2015	4.5	5.2	NA	CH2M
	04/03/2015	4.6	4.9	NA	CH2M
	07/07/2015	4.6	5.1	NA	CH2M
	10/07/2015	4.9	5.2	NA	Arcadis
	01/07/2016	6.8	4.3	NA	Arcadis
	04/06/2016	3.4	3.5	NA	Arcadis
	07/07/2016	3.8	4.5	NA	Arcadis
	07/07/2016*	4.3	4.6	NA	Arcadis
	10/18/2016	4.7	4.9	NA	Arcadis
	04/07/2017	4.6	5.0	NA	Arcadis
	10/13/2017	4.9	5.0	NA	Arcadis
	04/02/2018	5.3	4.9	NA	Arcadis
	10/17/2018	5.9	5.2	NA	Arcadis
	10/17/2018*	5.8	5.2	NA	Arcadis
	04/02/2019	4.7	4.8	NA	Arcadis
	10/08/2019	4.8	4.8	NA	Arcadis
	04/14/2020	7.2	4.0	NA	Arcadis
	06/03/2020	4.8	4.9	NA	Arcadis
	10/07/2020	6.1	4.9	NA	Arcadis
	04/06/2021	6.1	4.8	NA	Arcadis
No. of Samples: 27					
MW-195S2	08/26/2013	3.5	3.0	NA	CH2M
	08/26/2013*	3.5	3.0	NA	CH2M
	10/15/2013	5.9	2.2	NA	CH2M
	01/22/2014	7.3	3.0	NA	CH2M
	03/06/2014	4.5	4.1	NA	CH2M
	04/14/2014	5.8	4.2	NA	CH2M
	07/17/2014	5.0	4.4	NA	CH2M
	10/08/2014	4.6	4.4	NA	CH2M
	10/08/2014*	4.6	4.4	NA	CH2M
	01/12/2015	4.8	4.6	NA	CH2M
	04/02/2015	6.6	4.4	NA	CH2M
	07/06/2015	6.1	4.2	NA	CH2M
	10/06/2015	4.0	4.4	NA	Arcadis
	10/06/2015*	4.1	4.4	NA	Arcadis
	04/04/2016	4.9	4.1	NA	Arcadis
	10/17/2016	4.1	4.0	NA	Arcadis
	10/12/2017	4.7	4.1	NA	Arcadis
	10/17/2018	4.2	4.0	NA	Arcadis
	10/08/2019	4.7	3.7	NA	Arcadis
	10/07/2020	4.9	3.9	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 20					
MW-195S3	08/26/2013	2.2	1.7	NA	CH2M
	10/15/2013	2.7	1.4	NA	CH2M
	01/22/2014	6.4	0.75	NA	CH2M
	03/06/2014	3.6	3.4	NA	CH2M
	04/14/2014	3.2	ND (1.6)	NA	CH2M
	07/17/2014	2.6	1.5	NA	CH2M
	10/08/2014	2.2	1.8	NA	CH2M
	01/12/2015	2.7	2.2	NA	CH2M
	04/02/2015	4.1	1.2	NA	CH2M
	07/06/2015	2.6	1.8	NA	CH2M
	07/06/2015*	2.7	1.9	NA	CH2M
	10/06/2015	2.3	2.3	NA	Arcadis
	10/17/2016	2.1	1.3	NA	Arcadis
	10/12/2017	1.9	0.79	NA	Arcadis
	11/29/2017	2.2	1.5	NA	Arcadis
	10/17/2018	2.6	1.7	NA	Arcadis
	10/08/2019	3.3	1.0	NA	Arcadis
	12/02/2019	1.2	0.58	NA	Arcadis
	10/07/2020	3.1	0.33	NA	Arcadis
	11/04/2020	11	ND (0.2)	NA	Arcadis
	01/19/2021	1.8	0.88	NA	Arcadis
No. of Samples: 21					
MW-196S1	09/26/2013	4.7	3.7	NA	CH2M
	10/10/2013	3.9	3.6	NA	CH2M
	01/16/2014	5.1	3.5	NA	CH2M
	04/10/2014	3.8	3.9	NA	CH2M
	07/16/2014	4.2	3.7	NA	CH2M
	10/06/2014	4.0 J	4.0 J	NA	CH2M
	11/03/2014	4.0 J	3.8 J	NA	CH2M
	12/08/2014	7.5 J	8.0 J	NA	CH2M
	01/13/2015	9.4 J	10 J	NA	CH2M
	02/03/2015	8.4 J	9.8 J	NA	CH2M
	02/04/2015	7.8 J	8.5 J	NA	CH2M
	02/05/2015	8.0 J	9.0 J	NA	CH2M
	02/06/2015	7.8 J	9.0 J	NA	CH2M
	02/09/2015	9.1 J	9.1 J	NA	CH2M
	02/10/2015	9.9 J	10 J	NA	CH2M
	02/11/2015	11 J	11 J	NA	CH2M
	02/12/2015	12 J	13 J	NA	CH2M
	02/13/2015	12 J	13 J	NA	CH2M
	02/16/2015	13 J	13 J	NA	CH2M
	02/17/2015	14 J	14 J	NA	CH2M
	02/18/2015	13 J	14 J	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-196S1	02/19/2015	13 J	14 J	NA	CH2M
	02/20/2015	12 J	14 J	NA	CH2M
	03/02/2015	12 J	14 J	NA	CH2M
	03/09/2015	12 J	14 J	NA	CH2M
	03/10/2015	12 J	13 J	NA	CH2M
	03/11/2015	12 J	12 J	NA	CH2M
	03/12/2015	9.9 J	11 J	NA	CH2M
	03/13/2015	9.6 J	10 J	NA	CH2M
	03/16/2015	10 J	11 J	NA	CH2M
	03/17/2015	8.7 J	9.6 J	NA	CH2M
	03/18/2015	7.7 J	8.6 J	NA	CH2M
	03/19/2015	7.4 J	8.1 J	NA	CH2M
	03/20/2015	7.3 J	7.9 J	NA	CH2M
	03/25/2015	6.5 J	7.2 J	NA	CH2M
	03/26/2015	6.4 J	6.7 J	NA	CH2M
	03/27/2015	6.7 J	6.5 J	NA	CH2M
	03/30/2015	6.3 J	6.2 J	NA	CH2M
	03/31/2015	5.9 J	5.8 J	NA	CH2M
	04/01/2015	5.8	5.9	NA	CH2M
	04/01/2015*	5.9	6.0	NA	CH2M
	07/06/2015	3.8	3.8	NA	CH2M
	10/06/2015	3.7	3.8	NA	Arcadis
	04/04/2016	4.3	3.7	NA	Arcadis
	10/05/2016	4.6	3.6	NA	Arcadis
	04/04/2017	4.1	3.6	NA	Arcadis
	10/04/2017	3.6	3.7	NA	Arcadis
	10/15/2018	4.5	3.7	NA	Arcadis
	10/07/2019	3.8	3.6	NA	Arcadis
	04/14/2020	4.1	4.2	NA	Arcadis
	10/05/2020	4.5	3.7	NA	Arcadis
	04/06/2021	3.8	3.7	NA	Arcadis
No. of Samples:		52			
MW-196S2	09/11/2013	2.9	2.9	NA	CH2M
	10/10/2013	3.3	3.1	NA	CH2M
	10/10/2013*	3.3	3.1	NA	CH2M
	01/16/2014	1.9	1.5	NA	CH2M
	04/10/2014	1.3	1.2	NA	CH2M
	07/16/2014	1.4	1.2	NA	CH2M
	10/07/2014	17 J	18 J	NA	CH2M
	11/03/2014	17 J	18 J	NA	CH2M
	12/09/2014	32 J	35 J	NA	CH2M
	01/14/2015	16 J	18 J	NA	CH2M
	02/03/2015	10 J	12 J	NA	CH2M
	02/04/2015	7.3 J	8.8 J	NA	CH2M
	02/05/2015	6.3 J	7.4 J	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-196S2	02/06/2015	5.4 J	6.3 J	NA	CH2M
	02/09/2015	6.0 J	5.8 J	NA	CH2M
	02/10/2015	3.3 J	3.6 J	NA	CH2M
	02/11/2015	4.6 J	4.9 J	NA	CH2M
	02/12/2015	4.4 J	4.5 J	NA	CH2M
	02/13/2015	4.1 J	4.2 J	NA	CH2M
	02/16/2015	3.6 J	4.0 J	NA	CH2M
	02/17/2015	3.7 J	4.0 J	NA	CH2M
	02/18/2015	3.4 J	3.9 J	NA	CH2M
	02/19/2015	3.1 J	3.6 J	NA	CH2M
	02/20/2015	3.0 J	3.5 J	NA	CH2M
	03/02/2015	2.8 J	3.3 J	NA	CH2M
	04/01/2015	2.2	2.1	NA	CH2M
	07/06/2015	3.4	3.3	NA	CH2M
	10/06/2015	3.5	3.9	NA	Arcadis
	01/08/2016	3.0	2.2	NA	Arcadis
	04/04/2016	2.0	2.1	NA	Arcadis
	07/05/2016	3.1	3.2	NA	Arcadis
	10/05/2016	4.3	3.9	NA	Arcadis
	01/30/2017	2.4	2.4	NA	Arcadis
	04/04/2017	2.3	2.4	NA	Arcadis
	07/11/2017	2.5	3.1	NA	Arcadis
	10/04/2017	3.9	4.0	NA	Arcadis
	01/09/2018	2.8	2.6	NA	Arcadis
	04/02/2018	2.6	2.5	NA	Arcadis
	07/09/2018	4.3	3.7	NA	Arcadis
	10/15/2018	4.3	3.7	NA	Arcadis
	10/15/2018*	4.4	3.7	NA	Arcadis
	04/02/2019	2.6	2.4	NA	Arcadis
	10/07/2019	3.9	3.5	NA	Arcadis
	10/05/2020	4.9	3.8	NA	Arcadis
	11/04/2020	4.3	2.9	NA	Arcadis
No. of Samples:		45			
MW-196S3	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	49 J	54 J	NA	CH2M
	11/03/2014	37 J	37 J	NA	CH2M
	11/06/2014	12 J	12 J	NA	CH2M
	12/10/2014	5.8 J	6.4 J	NA	CH2M
	01/15/2015	8.9 J	10 J	NA	CH2M
	01/15/2015*	8.7 J	10 J	NA	CH2M
	02/03/2015	ND (1.0 J)	0.26 J	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-196S3	02/04/2015	ND (1.0 J)	0.14 J	NA	CH2M
	02/05/2015	ND (1.0 J)	0.15 J	NA	CH2M
	02/06/2015	ND (1.0 J)	0.1 J	NA	CH2M
	02/09/2015	ND (1.0 J)	0.095 J	NA	CH2M
	02/10/2015	ND (1.0 J)	0.072 J	NA	CH2M
	02/11/2015	ND (1.0 J)	0.075 J	NA	CH2M
	02/12/2015	ND (1.0 J)	0.061 J	NA	CH2M
	02/13/2015	ND (1.0 J)	0.14 J	NA	CH2M
	02/16/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	02/17/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	02/18/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	02/19/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	02/20/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	03/02/2015	ND (1.0 J)	0.09 J	NA	CH2M
	04/01/2015	ND (1.0)	0.17	NA	CH2M
	07/06/2015	ND (1.0)	ND (0.083)	NA	CH2M
	10/06/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/05/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2020	1.1	ND (0.2)	NA	Arcadis
No. of Samples:		35			
MW-197S1	09/11/2013	ND (1.0)	0.097	NA	CH2M
	10/11/2013	ND (1.0)	0.32	NA	CH2M
	01/23/2014	ND (1.0)	0.4	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.5)	NA	CH2M
	07/17/2014	ND (1.0)	0.72	NA	CH2M
	10/07/2014	ND (1.0)	0.79	NA	CH2M
	01/13/2015	ND (1.0)	0.9	NA	CH2M
	04/03/2015	ND (1.0)	0.87	NA	CH2M
	07/08/2015	ND (1.0)	1.0	NA	CH2M
	10/13/2015	ND (1.0)	1.0	NA	Arcadis
	01/04/2016	2.0	0.99	NA	Arcadis
	03/02/2016	1.0	1.2	NA	Arcadis
	04/05/2016	1.1	1.0	NA	Arcadis
	04/05/2016*	1.1	1.0	NA	Arcadis
	07/08/2016	ND (1.0)	0.72	NA	Arcadis
	10/07/2016	ND (1.0)	0.66	NA	Arcadis
	03/08/2017	ND (1.0)	0.58	NA	Arcadis
	04/04/2017	ND (1.0)	0.69	NA	Arcadis
	07/13/2017	ND (1.0)	1.1	NA	Arcadis
	10/03/2017	9.1	1.0	NA	Arcadis
	11/29/2017	1.2	1.2	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-197S1	01/11/2018	1.8	1.7	NA	Arcadis
	04/04/2018	1.0	1.1	NA	Arcadis
	10/05/2018	1.5	1.1	NA	Arcadis
	04/16/2019	1.7	1.7	NA	Arcadis
	10/09/2019	2.5	1.4	NA	Arcadis
	04/14/2020	2.4	2.3	NA	Arcadis
	10/23/2020	2.6	1.9	NA	Arcadis
	04/07/2021	3.0	2.8	NA	Arcadis
No. of Samples: 29					
MW-197S2	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.34)	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.09)	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2015	ND (1.0)	0.1	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.11)	NA	CH2M
	10/13/2015	ND (1.0)	0.14	NA	Arcadis
	10/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 15					
MW-197S3	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	1.8	1.7	NA	CH2M
	01/23/2014	ND (1.0)	0.07	NA	CH2M
	01/23/2014*	ND (1.0)	0.079	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.13)	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06 J)	NA	CH2M
	07/17/2014*	ND (1.0)	ND (0.06 J)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.22)	NA	CH2M
	01/13/2015	ND (1.0)	0.31	NA	CH2M
	04/03/2015	ND (1.0)	0.068	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.1)	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2019	3.9	ND (0.2)	NA	Arcadis
	10/23/2020	2.1	ND (0.2)	NA	Arcadis
	12/03/2020	ND (1.0)	ND (0.2)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 19					
MW-198S1	10/14/2013	1.4	1.2	NA	CH2M
	01/23/2014	ND (1.0)	0.96	NA	CH2M
	04/16/2014	ND (1.0)	0.97	NA	CH2M
	07/14/2014	1.1	1.2	NA	CH2M
No. of Samples: 4					
MW-198S2	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.064	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 5					
MW-198S3	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	0.11	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples: 6					
MW-199D1	09/11/2013	4.6	4.6	NA	CH2M
	10/16/2013	3.5	2.2	NA	CH2M
	01/21/2014	2.3	2.0	NA	CH2M
	04/15/2014	2.8	2.1	NA	CH2M
	07/16/2014	2.4	1.8	NA	CH2M
	10/09/2014	2.4	2.0	NA	CH2M
	01/21/2015	2.4	2.1	NA	CH2M
	04/08/2015	2.5	1.7	NA	CH2M
	04/08/2015*	2.6	1.7	NA	CH2M
	07/16/2015	2.2	2.1	NA	CH2M
	10/13/2015	3.0	1.9	NA	Arcadis
	12/09/2015	3.2	2.1	NA	Arcadis
	04/13/2021	2.8	2.4	NA	Arcadis
No. of Samples: 13					
MW-199D2	09/11/2013	4.1	4.0	NA	CH2M
	10/16/2013	4.5	3.4	NA	CH2M
	01/21/2014	1.6	1.0	NA	CH2M
	04/15/2014	15	16	NA	CH2M
	04/15/2014*	16	16	NA	CH2M
	05/08/2014	1.8	1.6	NA	CH2M
	07/16/2014	ND (1.0)	0.59	NA	CH2M
	10/09/2014	ND (1.0)	0.79	NA	CH2M
	01/21/2015	ND (1.0)	0.69	NA	CH2M
	04/08/2015	ND (1.0)	0.69	NA	CH2M
	07/13/2015	ND (1.0)	0.48	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-199D2	10/13/2015	1.1	1.1	NA	Arcadis
	04/13/2021	ND (1.0)	0.4	NA	Arcadis
No. of Samples: 13					
MW-199S1	10/16/2013	ND (1.0)	0.49	NA	CH2M
	01/21/2014	2.1	1.6	NA	CH2M
	04/15/2014	1.1	0.72	NA	CH2M
	07/16/2014	2.4	1.5	NA	CH2M
	10/09/2014	3.5	3.5	NA	CH2M
	01/21/2015	2.6	2.4	NA	CH2M
	04/08/2015	2.4	2.3	NA	CH2M
	07/13/2015	2.7	3.0	NA	CH2M
	10/13/2015	3.7	3.7	NA	Arcadis
	12/09/2015	3.6	3.0	NA	Arcadis
	04/17/2017	2.5	2.2	NA	Arcadis
	07/20/2017	2.2	1.9	NA	Arcadis
	10/11/2017	3.0	1.7	NA	Arcadis
	11/27/2017	2.0	1.9	NA	Arcadis
	01/11/2018	3.1	2.9	NA	Arcadis
	04/13/2021	ND (1.0)	0.47	NA	Arcadis
No. of Samples: 16					
MW-200S1	09/30/2013	2.5	2.3	NA	CH2M
	10/10/2013	2.5	2.5	NA	CH2M
	01/20/2014	4.3	4.2	NA	CH2M
	04/17/2014	2.7	2.6	NA	CH2M
	07/09/2014	2.1	2.0	NA	CH2M
	07/09/2014*	2.0	2.0	NA	CH2M
	10/07/2014	2.1	2.3	NA	CH2M
	01/12/2015	1.3	1.1	NA	CH2M
	04/02/2015	1.3	1.1	NA	CH2M
	07/08/2015	2.3	2.1	NA	CH2M
	10/16/2015	1.4	1.4	NA	Arcadis
	01/04/2016	3.3	1.2	NA	Arcadis
	03/02/2016	2.9	1.2	NA	Arcadis
	03/02/2016*	1.5	0.94	NA	Arcadis
	04/20/2016	5.3	1.2	NA	Arcadis
	05/31/2016	1.3	1.2	NA	Arcadis
	07/07/2016	1.3	0.98	NA	Arcadis
	10/20/2016	1.1	0.94	NA	Arcadis
	01/05/2017	1.1	0.74	NA	Arcadis
	04/11/2017	1.4	0.92	NA	Arcadis
	07/20/2017	1.2	1.1	NA	Arcadis
	10/31/2017	2.3	0.8	NA	Arcadis
	11/28/2017	1.0	0.86	NA	Arcadis
	01/26/2018	3.5	0.87	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-200S1	01/26/2018*	3.4	0.85	NA	Arcadis
	03/08/2018	1.8	0.71	NA	Arcadis
	10/04/2018	ND (1.0)	0.81	NA	Arcadis
	04/08/2019	1.1	0.76	NA	Arcadis
	10/23/2019	1.5	0.88	NA	Arcadis
	10/07/2020	1.1	0.5	NA	Arcadis
<i>No. of Samples:</i> 30					
MW-200S2	10/10/2013	ND (1.0)	0.096	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	1.4	0.21	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	1.7	ND (0.17)	NA	CH2M
	01/12/2015	ND (1.0)	0.081	NA	CH2M
	04/02/2015	ND (1.0)	0.15	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.098)	NA	CH2M
	10/22/2015	ND (1.0)	ND (0.18)	NA	Arcadis
	10/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/31/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2019	2.8	ND (0.2)	NA	Arcadis
	12/05/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2020	ND (1.0)	ND (0.2)	NA	Arcadis
<i>No. of Samples:</i> 16					
MW-200S3	09/30/2013	ND (1.0)	0.64	NA	CH2M
	10/10/2013	ND (1.0)	0.45	NA	CH2M
	01/20/2014	ND (1.0)	0.31	NA	CH2M
	04/17/2014	ND (1.0)	0.41	NA	CH2M
	07/09/2014	ND (1.0)	0.37	NA	CH2M
	10/07/2014	ND (1.0)	0.48	NA	CH2M
	01/12/2015	ND (1.0)	0.37	NA	CH2M
	04/02/2015	ND (1.0)	0.4	NA	CH2M
	07/08/2015	ND (1.0)	0.47	NA	CH2M
	10/16/2015	ND (1.0)	0.49	NA	Arcadis
	04/20/2016	ND (1.0)	0.47	NA	Arcadis
	10/20/2016	ND (1.0)	0.51	NA	Arcadis
	10/31/2017	ND (1.0)	0.6	NA	Arcadis
	10/31/2017*	ND (1.0)	0.6	NA	Arcadis
	04/05/2018	ND (1.0)	0.67	NA	Arcadis
	10/04/2018	ND (1.0)	0.68	NA	Arcadis
	10/23/2019	1.0	0.77	NA	Arcadis
	04/15/2020	1.3	1.1	NA	Arcadis
	10/07/2020	1.6	0.55	NA	Arcadis
	12/02/2020	1.1	0.61	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-200S3	04/14/2021	ND (1.0)	0.71	NA	Arcadis
No. of Samples: 21					
MW-201D	09/26/2013	ND (1.0)	0.35	NA	CH2M
	09/26/2013*	ND (1.0)	0.32	NA	CH2M
	10/17/2013	ND (1.0)	0.25	NA	CH2M
	01/23/2014	ND (1.0)	0.27	NA	CH2M
	04/01/2014	ND (1.0)	0.44	NA	CH2M
	07/10/2014	ND (1.0)	0.38	NA	CH2M
	10/15/2014	ND (1.0)	0.45	NA	CH2M
	01/21/2015	1.3	0.42	NA	CH2M
	04/08/2015	ND (1.0)	0.45	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.49)	NA	CH2M
	10/15/2015	ND (1.0)	0.54	NA	Arcadis
	10/31/2016	ND (1.0)	0.48	NA	Arcadis
	10/11/2017	ND (1.0)	0.36	NA	Arcadis
	10/15/2018	1.0	0.67	NA	Arcadis
	10/24/2019	ND (1.0)	0.5	NA	Arcadis
	10/14/2020	1.2	0.58	NA	Arcadis
No. of Samples: 16					
MW-201S	09/30/2013	2.4	2.2	NA	CH2M
	10/17/2013	2.7	2.3	NA	CH2M
	01/23/2014	2.4	2.2	NA	CH2M
	04/15/2014	2.6	2.5	NA	CH2M
	07/10/2014	2.8	2.9	NA	CH2M
	10/15/2014	2.1	2.3	NA	CH2M
	10/15/2014*	2.0	2.2	NA	CH2M
	01/21/2015	2.2	2.1	NA	CH2M
	04/08/2015	2.0	1.8	NA	CH2M
	07/15/2015	1.7	1.8	NA	CH2M
	10/15/2015	2.2	2.0	NA	Arcadis
	10/15/2015*	2.5	1.9	NA	Arcadis
	04/21/2016	1.8	1.8	NA	Arcadis
	10/31/2016	2.1	1.5	NA	Arcadis
	04/17/2017	1.8	1.4	NA	Arcadis
	10/11/2017	1.7	1.3	NA	Arcadis
	04/11/2018	1.4	1.2	NA	Arcadis
	10/15/2018	2.0	1.2	NA	Arcadis
	04/08/2019	1.1	1.1	NA	Arcadis
	10/17/2019	2.3	1.1	NA	Arcadis
	12/05/2019	1.8	0.95	NA	Arcadis
	04/09/2020	2.4	0.96	NA	Arcadis
	06/04/2020	1.3	1.0	NA	Arcadis
	10/14/2020	1.1	0.97	NA	Arcadis
	04/06/2021	1.4	0.96	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 25					
MW-202D	09/26/2013	1.2	0.86	NA	CH2M
	10/14/2013	1.0	0.81	NA	CH2M
	01/22/2014	1.6	1.2	NA	CH2M
	04/02/2014	1.8	1.4	NA	CH2M
	07/08/2014	2.0	1.3	NA	CH2M
	10/15/2014	2.2	1.6	NA	CH2M
	01/21/2015	1.9	1.6	NA	CH2M
	04/08/2015	2.1	1.7	NA	CH2M
	07/15/2015	2.0	1.7	NA	CH2M
	07/15/2015*	2.0	1.7	NA	CH2M
	10/09/2015	1.9	1.7	NA	Arcadis
No. of Samples: 11					
MW-202S	10/14/2013	1.6	1.4	NA	CH2M
	01/22/2014	2.0	1.7	NA	CH2M
	04/02/2014	2.0	1.8	NA	CH2M
	07/08/2014	1.8	1.7	NA	CH2M
	10/15/2014	1.9	1.6	NA	CH2M
	01/21/2015	2.0	2.0	NA	CH2M
	01/21/2015*	2.0	1.9	NA	CH2M
	04/08/2015	1.9	1.8	NA	CH2M
	07/15/2015	1.9	1.8	NA	CH2M
	10/09/2015	2.3	1.9	NA	Arcadis
	01/08/2016	1.9	1.4	NA	Arcadis
	04/19/2016	1.8	1.7	NA	Arcadis
	07/20/2016	2.1	1.6	NA	Arcadis
	10/13/2016	1.6	1.5	NA	Arcadis
	04/17/2017	1.9	1.7	NA	Arcadis
	10/11/2017	2.1	1.4	NA	Arcadis
	04/11/2018	1.7	1.5	NA	Arcadis
	10/15/2018	1.7	1.5	NA	Arcadis
	04/08/2019	1.8	1.6	NA	Arcadis
	10/17/2019	2.5	1.6	NA	Arcadis
	04/14/2020	3.1	1.3	NA	Arcadis
	06/04/2020	2.9	1.4	NA	Arcadis
	10/14/2020	2.1	1.7	NA	Arcadis
	04/06/2021	2.7	1.5	NA	Arcadis
	06/04/2021	1.7	1.5	NA	Arcadis
No. of Samples: 25					
MW-203D	10/15/2013	9.3	10.2	NA	CH2M
	01/23/2014	ND (1.0)	0.088	NA	CH2M
	01/23/2014*	ND (1.0)	0.088	NA	CH2M
	04/02/2014	6.7	7.5	NA	CH2M
	07/10/2014	ND (1.0)	ND (0.06)	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-203D	10/15/2014	ND (1.0)	0.47	NA	CH2M
	01/21/2015	6.9	7.2	NA	CH2M
	04/08/2015	6.4	6.8	NA	CH2M
	07/15/2015	5.7	6.2	NA	CH2M
	10/15/2015	3.3	3.2	NA	Arcadis
	01/13/2016	1.4	ND (0.2)	NA	Arcadis
	03/02/2016	1.4	0.26	NA	Arcadis
	04/21/2016	3.1	1.6	NA	Arcadis
	04/21/2016*	3.0	1.6	NA	Arcadis
	06/01/2016	1.6	1.6	NA	Arcadis
	07/20/2016	3.3	3.1	NA	Arcadis
	10/20/2016	ND (1.0)	0.4	NA	Arcadis
	02/01/2017	5.9	1.4	NA	Arcadis
	03/08/2017	ND (1.0)	0.24	NA	Arcadis
	04/06/2017	6.5	6.5	NA	Arcadis
	04/06/2017*	6.4	6.6	NA	Arcadis
	07/26/2017	2.0	2.0	NA	Arcadis
	10/17/2017	3.8	3.7	NA	Arcadis
	01/11/2018	5.1	5.1	NA	Arcadis
	04/11/2018	2.4	1.6	NA	Arcadis
	10/15/2018	ND (1.0)	0.29	NA	Arcadis
	04/08/2019	3.7	3.9	NA	Arcadis
	10/17/2019	1.9	0.63	NA	Arcadis
	12/05/2019	3.1	2.4	NA	Arcadis
	04/15/2020	2.4	ND (0.2)	NA	Arcadis
	06/03/2020	3.7	0.88	NA	Arcadis
	10/14/2020	2.5	2.1	NA	Arcadis
	04/06/2021	2.1	1.1	NA	Arcadis
No. of Samples:		33			
MW-203S	09/30/2013	2.4	2.1	NA	CH2M
	10/14/2013	2.1	1.6	NA	CH2M
	01/23/2014	1.5	1.1	NA	CH2M
	04/01/2014	2.2	2.3	NA	CH2M
	07/10/2014	2.4	2.3	NA	CH2M
	07/24/2014	2.7	2.4	NA	CH2M
	10/15/2014	2.5	2.3	NA	CH2M
	01/21/2015	2.7	2.8	NA	CH2M
	04/08/2015	3.1	2.6	NA	CH2M
	04/08/2015*	3.2	2.6	NA	CH2M
	07/15/2015	2.7	2.9	NA	CH2M
	10/15/2015	2.9	2.9	NA	Arcadis
	01/13/2016	2.9	3.0	NA	Arcadis
	04/21/2016	2.9	2.9	NA	Arcadis
	07/20/2016	3.0	2.9	NA	Arcadis
	10/19/2016	3.3	2.8	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-203S	01/05/2017	3.0	2.7	NA	Arcadis
	04/05/2017	3.3	2.8	NA	Arcadis
	07/24/2017	2.4	2.7	NA	Arcadis
	07/24/2017*	2.4	2.7	NA	Arcadis
	10/17/2017	2.8	2.8	NA	Arcadis
	01/11/2018	3.1	2.8	NA	Arcadis
<i>No. of Samples:</i> 22					
MW-204D	09/25/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/10/2013	ND (1.0)	0.099	NA	CH2M
	10/10/2013*	ND (1.0)	0.098	NA	CH2M
	01/06/2014	ND (1.0)	0.36	NA	CH2M
	04/17/2014	ND (1.0)	0.42	NA	CH2M
	07/09/2014	ND (1.0)	0.33	NA	CH2M
	10/07/2014	ND (1.0)	0.61	NA	CH2M
	10/07/2014*	ND (1.0)	0.61	NA	CH2M
	01/12/2015	ND (1.0)	0.67	NA	CH2M
	04/03/2015	ND (1.0)	0.64	NA	CH2M
	07/08/2015	ND (1.0)	0.62	NA	CH2M
	10/16/2015	ND (1.0)	0.67	NA	Arcadis
	10/16/2015*	ND (1.0)	0.69	NA	Arcadis
	10/20/2016	ND (1.0)	0.46	NA	Arcadis
	11/01/2017	ND (1.0)	0.63	NA	Arcadis
	04/04/2018	ND (1.0)	0.54	NA	Arcadis
	11/27/2018	ND (1.0)	0.54	NA	Arcadis
	10/23/2019	ND (1.0)	0.44	NA	Arcadis
<i>No. of Samples:</i> 18					
MW-204S1	09/25/2013	3.6	3.2	NA	CH2M
	10/10/2013	3.0	3.0	NA	CH2M
	01/20/2014	3.0	2.9	NA	CH2M
	04/17/2014	3.3	3.3	NA	CH2M
	07/09/2014	3.2	3.1	NA	CH2M
	07/09/2014*	3.2	3.2	NA	CH2M
	10/07/2014	3.1	3.4	NA	CH2M
	01/12/2015	3.1	3.4	NA	CH2M
	04/03/2015	3.2	3.3	NA	CH2M
	07/08/2015	3.0	3.4	NA	CH2M
	10/16/2015	3.2	3.4	NA	Arcadis
	04/20/2016	3.3	3.4	NA	Arcadis
	10/20/2016	3.3	3.2	NA	Arcadis
	02/03/2017	3.2	3.1	NA	Arcadis
	04/07/2017	3.2	3.0	NA	Arcadis
	07/12/2017	2.9	3.3	NA	Arcadis
	10/31/2017	3.1	3.2	NA	Arcadis
	04/04/2018	3.2	3.3	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-204S1	11/27/2018	3.7	3.2	NA	Arcadis
	10/23/2019	3.4	3.1	NA	Arcadis
No. of Samples:	20				
MW-204S2	09/25/2013	3.7	3.6	NA	CH2M
	10/10/2013	3.2	3.3	NA	CH2M
	01/20/2014	3.2	3.3	NA	CH2M
	04/17/2014	3.6	3.7	NA	CH2M
	07/09/2014	3.6	3.7	NA	CH2M
	10/07/2014	3.7	4.0	NA	CH2M
	01/12/2015	3.5	4.1	NA	CH2M
	04/03/2015	3.8	3.8	NA	CH2M
	07/08/2015	3.5	3.8	NA	CH2M
	10/16/2015	3.7	4.0	NA	Arcadis
	01/05/2016	3.9	4.0	NA	Arcadis
	04/20/2016	4.9	4.2	NA	Arcadis
	07/07/2016	3.9	4.0	NA	Arcadis
	10/20/2016	4.0	3.8	NA	Arcadis
	02/03/2017	4.4	4.1	NA	Arcadis
	04/07/2017	3.7	3.6	NA	Arcadis
	07/12/2017	3.4	3.5	NA	Arcadis
	10/31/2017	3.8	3.8	NA	Arcadis
	04/04/2018	3.9	3.9	NA	Arcadis
	11/27/2018	3.6	3.7	NA	Arcadis
	04/08/2019	4.1	3.9	NA	Arcadis
	10/23/2019	3.9	3.7	NA	Arcadis
	06/04/2020	3.6	3.6	NA	Arcadis
No. of Samples:	23				
MW-205S1	09/30/2013	4.0	3.7	NA	CH2M
	10/10/2013	3.7	3.6	NA	CH2M
	01/14/2014	4.1	3.6	NA	CH2M
	04/10/2014	3.5	3.3	NA	CH2M
	04/10/2014*	3.6	3.2	NA	CH2M
	07/17/2014	3.4	3.0	NA	CH2M
	10/06/2014	4.2	3.9	NA	CH2M
	01/12/2015	2.9	2.5	NA	CH2M
	04/01/2015	3.4	3.1	NA	CH2M
	07/06/2015	3.3	2.4	NA	CH2M
	10/06/2015	4.0	3.9	NA	Arcadis
	04/04/2016	3.9	2.7	NA	Arcadis
	06/01/2016	2.8	2.6	NA	Arcadis
	07/06/2016	4.2	3.6	NA	Arcadis
	10/05/2016	4.6	3.8	NA	Arcadis
	01/04/2017	4.0	3.1	NA	Arcadis
	04/04/2017	3.2	2.8	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-205S1	07/11/2017	2.8	3.2	NA	Arcadis
	10/02/2017	3.8	4.0	NA	Arcadis
	01/09/2018	3.5	3.2	NA	Arcadis
	04/02/2018	3.0	2.5	NA	Arcadis
	10/11/2018	4.2	3.8	NA	Arcadis
	04/02/2019	2.7	2.6	NA	Arcadis
	10/07/2019	3.9	3.8	NA	Arcadis
	10/05/2020	4.2	3.8	NA	Arcadis
<i>No. of Samples:</i> 25					
MW-205S2	09/30/2013	3.8	3.7	NA	CH2M
	10/10/2013	3.5	3.6	NA	CH2M
	01/14/2014	3.9	3.8	NA	CH2M
	04/10/2014	4.0	4.0	NA	CH2M
	07/16/2014	4.1	3.8	NA	CH2M
	10/06/2014	4.0	4.0	NA	CH2M
	01/12/2015	3.9	4.1	NA	CH2M
	01/12/2015*	4.0	4.1	NA	CH2M
	04/01/2015	4.2	4.0	NA	CH2M
	07/06/2015	3.9	3.9	NA	CH2M
	10/06/2015	4.1	3.5	NA	Arcadis
	01/06/2016	4.8	3.6	NA	Arcadis
	03/02/2016	5.6	2.6	NA	Arcadis
	04/04/2016	3.9	3.8	NA	Arcadis
	06/01/2016	3.9	4.2	NA	Arcadis
	07/06/2016	4.7	3.7	NA	Arcadis
	10/05/2016	4.4	3.8	NA	Arcadis
	04/04/2017	3.9	3.8	NA	Arcadis
	10/02/2017	3.8	3.9	NA	Arcadis
	10/11/2018	4.6	3.7	NA	Arcadis
	10/07/2019	3.9	3.9	NA	Arcadis
	05/07/2020	4.0	4.0	NA	Arcadis
	10/05/2020	4.6	3.8	NA	Arcadis
	04/06/2021	4.4	4.0	NA	Arcadis
<i>No. of Samples:</i> 24					
MW-205S3	09/30/2013	3.6	3.5	NA	CH2M
	10/10/2013	3.4	3.5	NA	CH2M
	01/14/2014	4.1	3.8	NA	CH2M
	04/10/2014	4.0	3.9	NA	CH2M
	07/16/2014	4.6	4.1	NA	CH2M
	10/06/2014	3.7	3.9	NA	CH2M
	10/06/2014*	3.9	3.9	NA	CH2M
	01/12/2015	3.9	4.1	NA	CH2M
	04/01/2015	4.3	4.1	NA	CH2M
	07/06/2015	4.1	4.4	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-205S3	10/06/2015	3.7	4.0	NA	Arcadis
	10/06/2015*	3.9	4.0	NA	Arcadis
	04/04/2016	3.7	4.0	NA	Arcadis
	07/06/2016	4.2	3.8	NA	Arcadis
	10/05/2016	4.9	3.9	NA	Arcadis
	10/05/2016*	4.4	3.9	NA	Arcadis
	01/04/2017	4.4	4.1	NA	Arcadis
	04/04/2017	3.9	3.7	NA	Arcadis
	07/11/2017	3.3	3.8	NA	Arcadis
	10/02/2017	3.6	3.9	NA	Arcadis
	01/09/2018	3.7	3.6	NA	Arcadis
	10/11/2018	4.3	3.6	NA	Arcadis
	10/07/2019	3.7	3.5	NA	Arcadis
	10/05/2020	4.2	3.5	NA	Arcadis
No. of Samples: 24					
MW-206S	06/04/2014	1.3	1.6	NA	CH2M
	07/10/2014	1.3	1.4	NA	CH2M
	10/08/2014	1.1	0.99	NA	CH2M
	01/20/2015	1.1	0.94	NA	CH2M
	04/07/2015	1.8	1.4	NA	CH2M
	04/07/2015*	2.1	1.4	NA	CH2M
	07/21/2015	2.5	1.0	NA	CH2M
	10/14/2015	1.8	1.6	NA	Arcadis
	10/14/2015*	1.8	1.5	NA	Arcadis
	01/11/2016	2.8	2.0	NA	Arcadis
	01/11/2016*	2.8	2.1	NA	Arcadis
	04/07/2016	2.9	1.1	NA	Arcadis
	07/12/2016	2.3	1.9	NA	Arcadis
	10/14/2016	3.1	2.3	NA	Arcadis
	01/06/2017	3.4	2.7	NA	Arcadis
	03/07/2017	4.3	2.2	NA	Arcadis
	04/07/2017	5.6	2.1	NA	Arcadis
	06/05/2017	2.3	2.3	NA	Arcadis
	07/13/2017	2.3	2.4	NA	Arcadis
	07/13/2017*	2.3	2.5	NA	Arcadis
	10/09/2017	3.7	3.5	NA	Arcadis
	10/09/2017*	3.9	3.6	NA	Arcadis
	11/28/2017	7.8	3.5	NA	Arcadis
	01/09/2018	4.6	0.79	NA	Arcadis
	03/08/2018	6.7	2.6	NA	Arcadis
	04/10/2018	2.9	2.1	NA	Arcadis
	07/19/2018	3.8	2.3	NA	Arcadis
	10/08/2018	3.5	3.0	NA	Arcadis
	01/07/2019	3.5	2.2	NA	Arcadis
	03/04/2019	3.0	2.5	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-206S	04/11/2019	4.5	2.8	NA	Arcadis
	04/11/2019*	4.7	2.8	NA	Arcadis
	07/15/2019	3.0	3.1	NA	Arcadis
	10/16/2019	3.5	2.7	NA	Arcadis
	12/05/2019	4.5	3.1	NA	Arcadis
	01/07/2020	4.7	3.1	NA	Arcadis
	03/05/2020	5.4	3.2	NA	Arcadis
	04/16/2020	5.7	3.5	NA	Arcadis
	06/05/2020	4.6	3.5	NA	Arcadis
	07/13/2020	4.8	3.3	NA	Arcadis
	09/03/2020	5.6	3.7	NA	Arcadis
	10/12/2020	5.2	3.2	NA	Arcadis
	10/12/2020*	4.8	3.2	NA	Arcadis
	01/22/2021	5.0	3.7	NA	Arcadis
	04/09/2021	6.4	3.9	NA	Arcadis
No. of Samples: 45					
MW-207S1	10/16/2014	9.3	9.9	NA	CH2M
	01/14/2015	11	12	NA	CH2M
	04/03/2015	11	12	NA	CH2M
	04/03/2015*	12	12	NA	CH2M
	07/08/2015	9.8	11	NA	CH2M
	10/13/2015	8.6	9.0	NA	Arcadis
	01/06/2016	9.0	8.7	NA	Arcadis
	04/05/2016	6.8	6.3	NA	Arcadis
	07/08/2016	7.7	7.3	NA	Arcadis
	10/07/2016	6.4	7.1	NA	Arcadis
	01/11/2017	7.3	7.3	NA	Arcadis
	04/04/2017	6.4	6.7	NA	Arcadis
	07/14/2017	6.0	6.4	NA	Arcadis
	10/03/2017	6.5	6.5	NA	Arcadis
	01/11/2018	6.7	6.4	NA	Arcadis
	04/04/2018	6.2	6.8	NA	Arcadis
	04/04/2018*	6.5	6.7	NA	Arcadis
	07/25/2018	7.0	6.9	NA	Arcadis
	10/05/2018	6.4	6.4	NA	Arcadis
	10/05/2018*	6.1	6.3	NA	Arcadis
	04/08/2019	6.5	6.5	NA	Arcadis
	10/09/2019	6.1	5.4	NA	Arcadis
	10/09/2019*	6.2	5.5	NA	Arcadis
	10/07/2020	6.2	4.9	NA	Arcadis
	10/07/2020*	6.3	4.9	NA	Arcadis
No. of Samples: 25					
MW-207S2	10/16/2014	2.8	2.8	NA	CH2M
	01/14/2015	2.5	2.8	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-207S2	04/03/2015	2.5	2.6	NA	CH2M
	07/08/2015	2.6	2.7	NA	CH2M
	10/13/2015	2.8	2.8	NA	Arcadis
	04/05/2016	3.7	3.0	NA	Arcadis
	07/08/2016	3.0	2.9	NA	Arcadis
	07/08/2016*	2.9	2.9	NA	Arcadis
	10/07/2016	3.3	3.1	NA	Arcadis
	01/11/2017	3.2	3.1	NA	Arcadis
	04/04/2017	3.2	3.4	NA	Arcadis
	07/14/2017	3.6	3.6	NA	Arcadis
	10/03/2017	3.9	3.5	NA	Arcadis
	10/03/2017*	4.3	3.5	NA	Arcadis
	01/11/2018	3.7	3.5	NA	Arcadis
	01/11/2018*	3.6	3.5	NA	Arcadis
	04/04/2018	3.5	3.7	NA	Arcadis
	07/25/2018	4.0	3.7	NA	Arcadis
	10/05/2018	3.7	3.6	NA	Arcadis
	01/07/2019	3.8	3.5	NA	Arcadis
	04/08/2019	4.0	3.8	NA	Arcadis
	07/10/2019	3.9	4.1	NA	Arcadis
	10/09/2019	4.8	3.7	NA	Arcadis
	12/05/2019	4.4	3.9	NA	Arcadis
	01/15/2020	3.7	4.0	NA	Arcadis
	04/14/2020	4.0	4.0	NA	Arcadis
	07/13/2020	4.1	3.8	NA	Arcadis
	10/07/2020	4.4	3.9	NA	Arcadis
	01/21/2021	4.2	3.9	NA	Arcadis
	04/08/2021	4.5	4.1	NA	Arcadis
No. of Samples:		30			
MW-208S	12/18/2014	2,900	2,900	NA	CH2M
	07/20/2015	3,400	3,300	NA	CH2M
	01/13/2016	2,800	2,600	NA	Arcadis
	07/20/2016	2,500	2,300	NA	Arcadis
	01/31/2017	2,300	2,100	NA	Arcadis
	01/31/2017*	2,400	2,100	NA	Arcadis
	07/25/2017	2,000	1,800	NA	Arcadis
	10/16/2017	2,000	1,900	NA	Arcadis
	04/17/2018	1,600	1,500	NA	Arcadis
	10/12/2018	1,100	990	NA	Arcadis
	01/15/2019	1,100	950	NA	Arcadis
	01/15/2019*	1,100	950	NA	Arcadis
	04/11/2019	930	910	NA	Arcadis
	10/21/2019	780	710	NA	Arcadis
	01/07/2020	670	630	NA	Arcadis
	04/20/2020	580	570	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-208S	01/15/2021	480	460	NA	Arcadis
	01/15/2021*	480	460	NA	Arcadis
	04/15/2021	560	580	NA	Arcadis
No. of Samples: 19					
MW-209S	12/18/2014	86	98	NA	CH2M
	04/14/2015	79	87	NA	CH2M
	07/20/2015	86	87	NA	CH2M
	10/23/2015	63	71	NA	Arcadis
	11/30/2015	62	65	NA	Arcadis
	11/30/2015*	62	64	NA	Arcadis
	01/13/2016	67	69	NA	Arcadis
	04/18/2016	61	63	NA	Arcadis
	07/20/2016	54	51	NA	Arcadis
	07/20/2016*	51	51	NA	Arcadis
	10/20/2016	43	40	NA	Arcadis
	01/16/2017	46	45	NA	Arcadis
	04/06/2017	51	56	NA	Arcadis
	07/25/2017	43	48	NA	Arcadis
	10/16/2017	31	30	NA	Arcadis
	01/17/2018	28	26	NA	Arcadis
	04/16/2018	25	25	NA	Arcadis
	07/19/2018	29	28	NA	Arcadis
	10/17/2018	24	24	NA	Arcadis
	01/15/2019	24	21	NA	Arcadis
	04/11/2019	28	27	NA	Arcadis
	07/12/2019	46	46	NA	Arcadis
	07/12/2019*	45	45	NA	Arcadis
	10/21/2019	48	43	NA	Arcadis
	01/07/2020	43	45	NA	Arcadis
	04/17/2020	29	30	NA	Arcadis
	04/17/2020*	30	30	NA	Arcadis
	07/13/2020	20	18	NA	Arcadis
	07/13/2020*	19	18	NA	Arcadis
	10/23/2020	17	17	NA	Arcadis
	01/15/2021	22	21	NA	Arcadis
	01/15/2021*	23	22	NA	Arcadis
	04/15/2021	36 J	38	NA	Arcadis
	04/15/2021*	36	38	NA	Arcadis
No. of Samples: 34					
MW-210S	12/18/2014	6.3	7.1	NA	CH2M
	04/17/2015	8.5	9.2	NA	CH2M
	07/14/2015	1.5	1.6	NA	CH2M
	10/23/2015	ND (1.0)	ND (0.29)	NA	Arcadis
	11/30/2015	ND (1.0)	0.16	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-210S	01/13/2016	ND (1.0)	0.16	NA	Arcadis
	04/18/2016	ND (1.0)	0.14	NA	Arcadis
	04/18/2016*	ND (1.0)	0.22	NA	Arcadis
	07/19/2016	ND (1.0)	0.14	NA	Arcadis
	10/20/2016	11	10	NA	Arcadis
	01/13/2017	12	12	NA	Arcadis
	04/19/2017	ND (1.0)	0.081	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	10/16/2017	33	34	NA	Arcadis
	01/17/2018	37	35	NA	Arcadis
	01/17/2018*	37	36	NA	Arcadis
	04/16/2018	45	46	NA	Arcadis
	04/16/2018*	44	46	NA	Arcadis
	07/19/2018	53	53	NA	Arcadis
	07/19/2018*	52	53	NA	Arcadis
	10/17/2018	140	140	NA	Arcadis
	10/17/2018*	140	140	NA	Arcadis
	01/15/2019	89	80	NA	Arcadis
	04/11/2019	120	120	NA	Arcadis
	07/12/2019	83	76	NA	Arcadis
	10/21/2019	31	29	NA	Arcadis
	01/07/2020	38	40	NA	Arcadis
	04/17/2020	27	28	NA	Arcadis
	07/13/2020	28	25	NA	Arcadis
	10/20/2020	32	30	NA	Arcadis
	01/15/2021	43	40	NA	Arcadis
	04/15/2021	88	94	NA	Arcadis
	04/15/2021*	89	95	NA	Arcadis
No. of Samples: 33					
MW-211S	12/18/2014	1.3	1.3	NA	CH2M
	04/14/2015	1.4	1.4	NA	CH2M
	07/14/2015	1.1	1.2	NA	CH2M
	10/23/2015	1.6	1.6	NA	Arcadis
	11/30/2015	1.6	1.1	NA	Arcadis
	01/13/2016	1.1	0.89	NA	Arcadis
	04/22/2016	ND (1.0)	0.93	NA	Arcadis
	07/20/2016	ND (1.0)	0.8	NA	Arcadis
	10/20/2016	ND (1.0)	0.71	NA	Arcadis
	10/20/2016*	ND (1.0)	0.73	NA	Arcadis
	01/13/2017	ND (1.0)	0.68	NA	Arcadis
	04/18/2017	1.1	0.64	NA	Arcadis
	07/25/2017	ND (1.0)	0.67	NA	Arcadis
	10/16/2017	ND (1.0)	0.63	NA	Arcadis
	01/17/2018	6.0	6.0	NA	Arcadis
	03/08/2018	8.5	8.3	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-211S	04/17/2018	15	16	NA	Arcadis
	07/18/2018	14	14	NA	Arcadis
	10/17/2018	11	11	NA	Arcadis
	01/15/2019	4.1	3.4	NA	Arcadis
	01/15/2019*	4.1	3.4	NA	Arcadis
	04/11/2019	9.6	7.5	NA	Arcadis
	07/12/2019	4.4	4.6	NA	Arcadis
	10/21/2019	3.2	3.0	NA	Arcadis
	01/07/2020	4.9	5.0	NA	Arcadis
	01/07/2020*	4.7	4.9	NA	Arcadis
	03/06/2020	4.8	4.6	NA	Arcadis
	04/17/2020	4.1	3.7	NA	Arcadis
	07/13/2020	4.3	3.5	NA	Arcadis
	07/13/2020*	4.2	3.5	NA	Arcadis
	10/20/2020	4.5	3.5	NA	Arcadis
	01/15/2021	4.3	3.8	NA	Arcadis
	01/15/2021*	4.2	3.2	NA	Arcadis
	04/15/2021	4.7	3.9	NA	Arcadis
No. of Samples: 34					
MW-212S1	03/03/2015	3.4	3.8	NA	CH2M
	06/23/2015	3.7	3.4	NA	CH2M
	07/07/2015	3.4	3.5	NA	CH2M
	10/12/2015	3.3	3.5	NA	Arcadis
	01/05/2016	5.5	3.3	NA	Arcadis
	03/02/2016	3.5	3.1	NA	Arcadis
	04/06/2016	3.5	3.3	NA	Arcadis
	07/07/2016	3.4	3.4	NA	Arcadis
	10/10/2016	3.3	3.2	NA	Arcadis
	01/30/2017	3.1	3.1	NA	Arcadis
	01/30/2017*	3.2	3.1	NA	Arcadis
	04/03/2017	3.3	3.2	NA	Arcadis
	07/12/2017	3.1	3.4	NA	Arcadis
	10/13/2017	3.3	3.2	NA	Arcadis
	01/10/2018	3.5	3.2	NA	Arcadis
	04/03/2018	4.6	3.3	NA	Arcadis
	06/07/2018	2.9	2.7	NA	Arcadis
	10/09/2018	3.3	3.3	NA	Arcadis
	04/02/2019	3.8	3.2	NA	Arcadis
	10/08/2019	3.3	3.2	NA	Arcadis
	04/14/2020	3.5	3.3	NA	Arcadis
	10/06/2020	3.4	3.1	NA	Arcadis
	04/06/2021	3.7	3.2	NA	Arcadis
No. of Samples: 23					
MW-212S2	03/03/2015	2.5	2.8	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-212S2	06/22/2015	3.9	3.2	NA	CH2M
	07/08/2015	2.8	3.2	NA	CH2M
	10/12/2015	3.5	2.8	NA	Arcadis
	04/06/2016	11	2.5	NA	Arcadis
	06/01/2016	3.0	2.5	NA	Arcadis
	07/07/2016	3.5	3.2	NA	Arcadis
	10/10/2016	2.9	2.9	NA	Arcadis
	01/04/2017	3.8	2.9	NA	Arcadis
	04/03/2017	3.3	2.6	NA	Arcadis
	07/12/2017	2.9	3.1	NA	Arcadis
	10/13/2017	2.7	2.3	NA	Arcadis
	01/10/2018	2.5	1.4	NA	Arcadis
	03/07/2018	2.2	1.7	NA	Arcadis
	04/03/2018	2.9	1.3	NA	Arcadis
	06/07/2018	2.3	2.0	NA	Arcadis
	10/09/2018	3.0	2.5	NA	Arcadis
	10/09/2019	5.3	2.1	NA	Arcadis
	12/05/2019	2.8	2.6	NA	Arcadis
	10/06/2020	4.0	2.2	NA	Arcadis
	11/04/2020	4.9	2.6	NA	Arcadis
No. of Samples: 21					
MW-213D	11/01/2016	ND (1.0)	0.79	NA	Arcadis
	01/12/2017	1.2	0.44	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/06/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 12					
MW-213S	11/01/2016	2.8	2.3	NA	Arcadis
	01/12/2017	5.3	4.8	NA	Arcadis
	03/08/2017	5.1	4.4	NA	Arcadis
	04/17/2017	5.3	4.8	NA	Arcadis
	07/25/2017	4.9	5.4	NA	Arcadis
	07/25/2017*	5.0	5.4	NA	Arcadis
	10/17/2017	5.8	5.3	NA	Arcadis
	02/05/2018	5.2	5.3	NA	Arcadis
	04/16/2018	5.1	4.9	NA	Arcadis
	07/18/2018	4.9	4.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-213S	10/18/2018	5.0	4.3	NA	Arcadis
	01/15/2019	4.7	3.5	NA	Arcadis
	03/04/2019	3.9	3.9	NA	Arcadis
	04/05/2019	3.6	3.5	NA	Arcadis
	04/05/2019*	3.4	3.5	NA	Arcadis
	07/10/2019	3.9	3.4	NA	Arcadis
	10/15/2019	4.1	3.3	NA	Arcadis
	04/16/2020	4.0	3.1	NA	Arcadis
	10/13/2020	3.5	3.0	NA	Arcadis
	04/06/2021	3.3	3.0	NA	Arcadis
No. of Samples: 20					
MW-214D	11/01/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/06/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 12					
MW-214S	11/01/2016	2.1	1.9	NA	Arcadis
	01/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	0.27	NA	Arcadis
	07/25/2017	ND (1.0)	0.32	NA	Arcadis
	10/17/2017	1.1	0.96	NA	Arcadis
	04/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	1.8	1.2	NA	Arcadis
	04/05/2019	1.8	1.5	NA	Arcadis
	10/15/2019	4.2	2.9	NA	Arcadis
	12/05/2019	2.7	2.6	NA	Arcadis
	04/10/2020	3.5	3.7	NA	Arcadis
	06/05/2020	3.8	ND (3.4)	NA	Arcadis
	10/13/2020	3.7	2.5	NA	Arcadis
	12/04/2020	2.4	2.1	NA	Arcadis
	01/21/2021	3.9	3.3	NA	Arcadis
	03/03/2021	3.9	3.1	NA	Arcadis
	04/06/2021	3.2	2.8	NA	Arcadis
No. of Samples: 17					
MW-215D	11/01/2016	1.1	ND (0.2)	NA	Arcadis
	01/12/2017	1.4	ND (0.2)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-215D	04/17/2017	1.2	0.27	NA	Arcadis
	07/25/2017	ND (1.0)	0.43	NA	Arcadis
	10/17/2017	2.7	0.91	NA	Arcadis
	11/30/2017	ND (1.0)	0.53	NA	Arcadis
	04/18/2018	1.3	0.25	NA	Arcadis
	06/07/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	0.28	NA	Arcadis
	04/03/2019	1.1	0.58	NA	Arcadis
	10/15/2019	2.2	0.95	NA	Arcadis
	12/05/2019	1.8	2.0	NA	Arcadis
	04/10/2020	2.1	2.2	NA	Arcadis
	10/20/2020	2.6	2.2	NA	Arcadis
	04/06/2021	2.3	1.7	NA	Arcadis
No. of Samples: 15					
MW-215S	11/01/2016	1.9	1.5	NA	Arcadis
	01/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2018	1.4	ND (0.2)	NA	Arcadis
	06/07/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2020	ND (1.0)	0.52	NA	Arcadis
	10/20/2020	ND (1.0)	0.37	NA	Arcadis
	04/06/2021	1.1	0.8	NA	Arcadis
No. of Samples: 13					
MW-216D	12/06/2016	ND (1.0)	0.56	NA	Arcadis
	01/13/2017	1.9	1.5	NA	Arcadis
	04/18/2017	2.8	2.0	NA	Arcadis
	07/25/2017	1.7	1.9	NA	Arcadis
	10/17/2017	3.2	2.1	NA	Arcadis
	10/17/2017*	3.2	2.1	NA	Arcadis
	11/29/2017	2.5	2.3	NA	Arcadis
	04/18/2018	2.7	2.4	NA	Arcadis
	10/18/2018	2.8	2.0	NA	Arcadis
	04/05/2019	2.7	2.6	NA	Arcadis
	10/15/2019	2.8	2.3	NA	Arcadis
	04/10/2020	2.7	2.5	NA	Arcadis
	10/13/2020	4.1	2.1	NA	Arcadis
	12/04/2020	1.7	1.3	NA	Arcadis
	04/06/2021	2.3	2.0	NA	Arcadis
No. of Samples: 15					

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-216S	12/06/2016	2.8	2.2	NA	Arcadis
	01/13/2017	1.7	1.3	NA	Arcadis
	04/18/2017	2.1	1.8	NA	Arcadis
	07/25/2017	1.6	1.3	NA	Arcadis
	10/16/2017	2.2	1.2	NA	Arcadis
	04/18/2018	3.4 J	1.3 J	NA	Arcadis
	04/18/2018*	1.0 J	0.44 J	NA	Arcadis
	06/08/2018	2.3	1.9	NA	Arcadis
	10/18/2018	2.3	1.3	NA	Arcadis
	04/05/2019	2.8	2.1	NA	Arcadis
	10/15/2019	2.2	1.8	NA	Arcadis
	04/10/2020	2.3	1.9	NA	Arcadis
No. of Samples: 12					
MW-217D	10/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/13/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	1.7	ND (0.2)	NA	Arcadis
	09/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	11/01/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/11/2019	1.4	ND (0.2)	NA	Arcadis
	02/11/2019*	1.5	ND (0.2)	NA	Arcadis
	04/17/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/24/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	07/13/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2021*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 26					
MW-217S	10/19/2016	4.5	4.0	NA	Arcadis
	11/04/2016	5.1	4.8	NA	Arcadis
	01/13/2017	5.5	5.1	NA	Arcadis
	04/07/2017	6.1	6.2	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-217S	07/25/2017	7.0	6.5	NA	Arcadis
	07/25/2017*	7.0	6.0	NA	Arcadis
	11/01/2017	8.7	9.1	NA	Arcadis
	01/17/2018	4.3	1.3	NA	Arcadis
	03/07/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	02/11/2019	1.2	0.63	NA	Arcadis
	04/17/2019	1.7	1.5	NA	Arcadis
	07/22/2019	ND (1.0)	0.38	NA	Arcadis
	10/24/2019	2.4	0.97	NA	Arcadis
	12/05/2019	1.3	1.1	NA	Arcadis
	01/15/2020	ND (1.0)	0.6	NA	Arcadis
	01/15/2020*	ND (1.0)	0.41	NA	Arcadis
	04/16/2020	ND (1.0)	0.52	NA	Arcadis
	07/13/2020	1.7	0.42	NA	Arcadis
	07/13/2020*	1.6	0.45	NA	Arcadis
	09/01/2020	ND (1.0)	0.46	NA	Arcadis
	10/20/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 27					
MW-218D	12/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017	ND (1.0)	0.3	NA	Arcadis
	07/25/2017	ND (1.0)	0.35	NA	Arcadis
	10/18/2017	ND (1.0)	0.39	NA	Arcadis
	04/16/2018	ND (1.0)	0.4	NA	Arcadis
	10/18/2018	ND (1.0)	0.45	NA	Arcadis
	02/11/2019	ND (1.0)	0.41	NA	Arcadis
	04/11/2019	ND (1.0)	0.43	NA	Arcadis
	07/16/2019	ND (1.0)	0.45	NA	Arcadis
	10/24/2019	ND (1.0)	0.43	NA	Arcadis
	01/14/2020	ND (1.0)	0.44	NA	Arcadis
	04/16/2020	ND (1.0)	0.43	NA	Arcadis
	07/08/2020	ND (1.0)	0.42	NA	Arcadis
	10/20/2020	ND (1.0)	0.42	NA	Arcadis
	01/22/2021	ND (1.0)	0.41	NA	Arcadis
	04/16/2021	ND (1.0)	0.42	NA	Arcadis
No. of Samples: 17					
MW-218S	12/06/2016	2.6	1.2	NA	Arcadis
	01/13/2017	1.8	1.3	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-218S	04/18/2017	2.0	1.3	NA	Arcadis
	07/25/2017	1.6	1.3	NA	Arcadis
	10/18/2017	1.5	1.4	NA	Arcadis
	04/16/2018	1.7	1.4	NA	Arcadis
	10/18/2018	1.9	1.4	NA	Arcadis
	02/11/2019	2.1	1.0	NA	Arcadis
	03/04/2019	1.5	1.2	NA	Arcadis
	04/11/2019	1.9	1.0	NA	Arcadis
	07/16/2019	1.2	1.2	NA	Arcadis
	10/24/2019	1.7	0.91	NA	Arcadis
	01/14/2020	1.3	0.86	NA	Arcadis
	04/16/2020	1.4	0.88	NA	Arcadis
	07/08/2020	1.4	0.91	NA	Arcadis
	10/20/2020	1.9	0.95	NA	Arcadis
	01/22/2021	2.7	1.2	NA	Arcadis
	03/03/2021	ND (1.0)	1.0	NA	Arcadis
	04/16/2021	1.2	1.2	NA	Arcadis
No. of Samples: 19					
MW-219S1	12/08/2016	4.6	4.2	NA	Arcadis
	03/07/2017	4.0	3.2	NA	Arcadis
	04/18/2017	3.2	2.9	NA	Arcadis
	04/18/2017*	3.1	2.8	NA	Arcadis
	07/25/2017	3.1	2.6	NA	Arcadis
	10/18/2017	3.7	2.4	NA	Arcadis
	11/30/2017	3.3	3.4	NA	Arcadis
	01/17/2018	3.7	3.5	NA	Arcadis
	04/17/2018	2.8	2.8	NA	Arcadis
	07/18/2018	3.4	3.7	NA	Arcadis
	10/17/2018	3.8	3.6	NA	Arcadis
	01/15/2019	3.9	3.2	NA	Arcadis
	04/03/2019	3.5	3.3	NA	Arcadis
	07/09/2019	3.8	4.0	NA	Arcadis
	10/09/2019	3.5	3.7	NA	Arcadis
	01/15/2020	3.8	4.0	NA	Arcadis
	04/24/2020	3.7	3.4	NA	Arcadis
	05/07/2020	3.8	3.7	NA	Arcadis
	07/13/2020	4.1	3.2	NA	Arcadis
	10/21/2020	4.1	3.4	NA	Arcadis
	04/14/2021	3.8	3.8	NA	Arcadis
No. of Samples: 21					
MW-219S2	12/08/2016	1.5	1.4	NA	Arcadis
	03/07/2017	1.4	0.4	NA	Arcadis
	04/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	1.4	ND (0.2)	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-219S2	09/05/2017	1.1	0.92	NA	Arcadis
	10/18/2017	ND (1.0)	0.27	NA	Arcadis
	04/16/2018	1.0	1.0	NA	Arcadis
	10/17/2018	ND (1.0)	0.36	NA	Arcadis
	10/09/2019	ND (1.0)	0.51	NA	Arcadis
	10/21/2020	1.4	0.46	NA	Arcadis
No. of Samples: 10					
MW-220D	08/08/2017	ND (1.0)	0.36	NA	Arcadis
	11/03/2017	ND (1.0)	0.22	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2018	ND (1.0)	0.27	NA	Arcadis
	02/13/2019	ND (1.0)	0.3	NA	Arcadis
	04/01/2019	27	ND (0.2)	NA	Arcadis
	06/07/2019	ND (1.0)	0.27	NA	Arcadis
	10/07/2019	ND (1.0)	0.35	NA	Arcadis
	01/14/2020	ND (1.0)	0.33	NA	Arcadis
	01/14/2020*	ND (1.0)	0.33	NA	Arcadis
	04/06/2020	ND (1.0)	0.2	NA	Arcadis
	04/06/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/07/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	07/07/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2021*	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 21					
MW-220S	01/14/2020	ND (1.0)	0.38	NA	Arcadis
	06/02/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	07/07/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2021*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2021	6.1	4.1	NA	Arcadis
	04/05/2021*	5.4	3.5	NA	Arcadis
No. of Samples: 9					
NA-MW-01A	11/28/2006	5.63	ND (1.0)	NA	Arcadis
	11/28/2006*	5.56	ND (1.0)	NA	Arcadis
No. of Samples: 2					
NA-MW-01B	11/27/2006	8.39	8.21	NA	Arcadis
No. of Samples: 1					

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
NA-MW-02A	11/28/2006	ND (5.0)	ND (1.0)	NA	Arcadis
No. of Samples:	1				
NA-MW-02B	11/27/2006	11	11.5	NA	Arcadis
No. of Samples:	1				
NA-MW-03A	11/28/2006	10.7	9.62	NA	Arcadis
No. of Samples:	1				
NA-MW-03B	11/28/2006	5.23	4.86	NA	Arcadis
No. of Samples:	1				
NA-RC-01	11/29/2006	6.02	3.99	NA	Arcadis
	11/29/2006*	5.52	3.82	NA	Arcadis
No. of Samples:	2				
NA-RC-02	11/28/2006	ND (5.0)	ND (1.0)	NA	Arcadis
No. of Samples:	1				
PGE-06	02/19/2009	ND (1.0)	0.73	NA	CH2M
	10/20/2016	ND (1.0)	0.52	NA	Arcadis
	04/17/2017	ND (1.0)	0.65	NA	Arcadis
	07/18/2017	ND (1.0)	0.78	NA	Arcadis
	07/18/2017*	ND (1.0)	0.72	NA	Arcadis
	10/19/2017	ND (1.0)	0.59	NA	Arcadis
	01/22/2018	ND (1.0)	0.58	NA	Arcadis
	01/22/2018*	ND (1.0)	0.59	NA	Arcadis
	04/18/2018	ND (1.0)	0.69	NA	Arcadis
	07/19/2018	ND (1.0)	0.74	NA	Arcadis
	10/18/2018	ND (1.0)	0.74	NA	Arcadis
	02/12/2019	1.2	0.7	NA	Arcadis
	04/11/2019	ND (1.0)	0.81	NA	Arcadis
	07/26/2019	ND (1.0)	0.94	NA	Arcadis
No. of Samples:	14				
PGE-07	03/07/2001	49	NA	43	ALISTO
	05/22/2001	180	189	180	ALISTO
	09/26/2001	100	NA	55	ALISTO
	12/05/2001	75	NA	59	ALISTO
	08/13/2003	60.7	NA	47.3	CH2M
	02/18/2004	65.8	NA	62.2	CH2M
No. of Samples:	6				
PGE-09	03/09/2001	ND (20)	NA	NA	ALISTO
	02/08/2002	1.8	NA	NA	CH2M
	08/14/2002	ND (1.0)	0.52	NA	CH2M
	12/03/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	4				
PGE-11	05/24/2001	2.9	3.7	ND (10)	ALISTO
	09/26/2001	2.4 J	2.2	ND (10)	ALISTO
	12/06/2001	1.5 J	2.8	ND (10)	ALISTO
	02/07/2002	2.1	1.1	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PGE-11	05/23/2002	1.7	1.3	NA	CH2M
<i>No. of Samples:</i> 5					
PGE-12	03/09/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	2.5 J	2.0	ND (10)	ALISTO
	08/16/2001	1.2	0.84	ND (10)	ALISTO
	09/26/2001	4.0 J	0.86 J	ND (10)	ALISTO
	10/24/2001	2.2 J	0.84 J	ND (10)	ALISTO
	11/19/2001	1.1 J	0.97 J	ND (10)	ALISTO
	12/06/2001	4.4 J	ND (0.2)	ND (10)	ALISTO
	01/22/2002	1.3	ND (0.2)	NA	CH2M
	02/07/2002	1.9	1.2	NA	CH2M
	03/26/2002	3.4	1.2	NA	CH2M
	04/15/2002	2.7	1.0	NA	CH2M
	05/23/2002	1.0	ND (0.2)	NA	CH2M
	06/25/2002	1.6	1.4	NA	CH2M
	08/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2002	2.5	ND (0.2)	NA	CH2M
	11/13/2002	1.4	1.1	NA	CH2M
	12/16/2002	2.4	1.2	NA	CH2M
	01/23/2003	2.0	1.2	NA	CH2M
	02/19/2003	4.0	1.4	NA	CH2M
	03/26/2003	3.1	1.7	NA	CH2M
	04/16/2003	1.1	0.63	NA	CH2M
	10/18/2007	ND (1.0)	ND (0.2)	NA	CH2M
<i>No. of Samples:</i> 22					
PGE-13	05/24/2001	2.7	3.7	ND (10)	ALISTO
	09/26/2001	2.2 J	2.4	ND (10)	ALISTO
	12/06/2001	1.9 J	ND (0.2)	ND (10)	ALISTO
	02/07/2002	1.5	0.75	NA	CH2M
	05/23/2002	1.3	0.77	NA	CH2M
	08/18/2003	1.4	0.54	NA	CH2M
	02/20/2004	2.4	0.8	NA	CH2M
	08/31/2004	2.27	ND (0.2)	NA	CH2M
<i>No. of Samples:</i> 8					
PGE-14	05/24/2001	2.5 J	2.0	ND (10)	ALISTO
	09/26/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/06/2001	3.7 J	0.3 J	ND (10)	ALISTO
	02/08/2002	2.0	0.2	NA	CH2M
	02/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	12/30/2009	ND (1.0)	ND (0.2)	NA	CH2M
	03/02/2010	ND (0.5)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	0.31	NA	CH2M
	08/12/2010	ND (1.0)	0.45	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PGE-14	10/27/2010	ND (1.0)	0.44	NA	CH2M
	03/31/2011	ND (1.0)	0.38	NA	CH2M
	05/11/2011	ND (1.0)	0.38	NA	CH2M
	07/27/2011	ND (1.0)	0.37	NA	CH2M
	08/02/2011	ND (1.0)	NA	NA	CH2M
	08/02/2011*	ND (1.0)	NA	NA	CH2M
	08/18/2011	ND (1.0)	0.45	NA	CH2M
	08/30/2011	ND (1.0)	0.43	NA	CH2M
	08/30/2011*	ND (1.0)	0.43	NA	CH2M
	09/26/2011	ND (1.0)	0.42	NA	CH2M
	10/27/2011	1.3	0.49	NA	CH2M
	10/31/2011	ND (1.0)	0.43	NA	CH2M
	01/11/2012	ND (1.0)	0.46	NA	CH2M
	02/08/2012	ND (1.0)	0.35	NA	CH2M
	03/07/2012	ND (1.0)	0.35	NA	CH2M
	03/07/2012*	ND (1.0)	0.34	NA	CH2M
	04/04/2012	ND (1.0)	0.34	NA	CH2M
	04/26/2012	ND (1.0)	0.31	NA	CH2M
	05/02/2012	ND (1.0)	0.43	NA	CH2M
	05/02/2012*	ND (1.0)	0.48	NA	CH2M
	05/15/2012	ND (1.0)	0.38	NA	CH2M
	07/11/2012	ND (1.0)	0.39	NA	CH2M
	10/12/2012	ND (1.0)	0.43	NA	CH2M
	01/29/2013	ND (1.0)	0.44	NA	CH2M
	04/01/2013	ND (1.0)	0.41	NA	CH2M
	07/08/2013	ND (1.0)	0.43	NA	CH2M
	10/09/2013	ND (1.0)	0.39	NA	CH2M
	01/14/2014	ND (1.0)	0.37	NA	CH2M
	04/18/2014	ND (1.0)	0.28	NA	CH2M
	07/10/2014	ND (1.0)	0.4	NA	CH2M
	10/17/2014	ND (1.0)	0.44	NA	CH2M
No. of Samples:		41			
PGE-15	11/27/2007	1.3	1.34	NA	CH2M
	02/19/2009	2.49	2.86	NA	CH2M
No. of Samples:		2			
PMW-01	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/24/2001	8.0	9.0	ND (10)	ALISTO
	09/25/2001	6.2	NA	ND (10)	ALISTO
	12/05/2001	5.6	NA	ND (10)	ALISTO
	02/13/2002	9.0	8.8	NA	CH2M
	05/22/2002	10.8	9.8	NA	CH2M
	08/19/2002	11	10.8	NA	CH2M
	11/11/2002	16.8	12.8	NA	CH2M
	02/17/2003	15.1	15.5	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-01	08/15/2003	14.2	12.2	NA	CH2M
	02/21/2006	15.6	16	NA	CH2M
	08/10/2006	11.8	14	NA	CH2M
	02/20/2007	11.4	13.1	NA	CH2M
	08/14/2007	11.9	11.9	NA	CH2M
	02/19/2008	6.84	8.01	NA	CH2M
	08/14/2008	6.83	7.11	NA	CH2M
	12/10/2008	8.2	10.6	NA	Arcadis
	08/24/2010	37	NA	30.3	CH2M
	08/10/2011	99.9	104	NA	CH2M
	02/01/2012	28.2	25.8	NA	CH2M
	07/18/2012	12.2	12.2	NA	CH2M
	07/17/2013	13.1	11.6	NA	CH2M
	07/11/2014	42	42	NA	CH2M
	07/16/2015	71	77	NA	CH2M
	07/16/2015*	77	78	NA	CH2M
	07/19/2017	7.2	2.3	NA	Arcadis
	05/02/2018	5.4	ND (0.2)	NA	Arcadis
	07/25/2018	15	4.2	NA	Arcadis
	10/24/2018	2.0	0.42	NA	Arcadis
	02/13/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	02/13/2019*	NA	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/24/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/22/2020*	NA	ND (0.2)	NA	Arcadis
	04/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	07/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	10/21/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/20/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	01/20/2021*	NA	ND (0.2)	NA	Arcadis
	04/21/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		42			
PMW-02	03/08/2001	180	NA	190	ALISTO
	05/24/2001	180	188	180	ALISTO
	09/25/2001	210	NA	200	ALISTO
	12/05/2001	190	NA	190	ALISTO
	02/13/2002	173	NA	178	CH2M
	05/22/2002	171	NA	183	CH2M
	08/20/2002	186	NA	182	CH2M
	08/20/2002*	180	NA	184	CH2M
	11/11/2002	219	NA	203 J	CH2M
	02/17/2003	192	NA	211	CH2M
	08/12/2003	213	NA	225	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-02	02/21/2006	284	NA	222	CH2M
	07/26/2006	215	209	NA	CH2M
	08/08/2006	213	NA	224	CH2M
	02/16/2007	158	158	NA	CH2M
	08/14/2007	138	NA	141	CH2M
	02/19/2008	133	NA	136	CH2M
	08/14/2008	138	144	NA	CH2M
	08/23/2010	122	148	NA	CH2M
	08/10/2011	59.7	63.3	NA	CH2M
	02/01/2012	90.8	87.2	NA	CH2M
	07/18/2012	89.4	89.4	NA	CH2M
	07/17/2013	118	101	NA	CH2M
	07/11/2014	100	100	NA	CH2M
	10/21/2014	90	90	NA	CH2M
	07/16/2015	82	86	NA	CH2M
	10/20/2015	85	88	NA	Arcadis
	02/04/2016	76	79	NA	Arcadis
	08/03/2016	74	69	NA	Arcadis
	01/18/2017	95	87	NA	Arcadis
	01/18/2017*	92	90	NA	Arcadis
	07/19/2017	70	83	NA	Arcadis
	07/19/2017*	70	82	NA	Arcadis
	10/25/2017	80	82	NA	Arcadis
	10/25/2017*	79	82	NA	Arcadis
	01/31/2018	62 J	65	NA	Arcadis
	05/02/2018	53	54	NA	Arcadis
	07/25/2018	54	54	NA	Arcadis
	10/24/2018	50	48	NA	Arcadis
	02/13/2019	37	39	NA	Arcadis
	05/07/2019	140	130	NA	Arcadis
	07/24/2019	390	380	NA	Arcadis
	10/23/2019	660	560	NA	Arcadis
	01/23/2020	750	740	NA	Arcadis
	01/23/2020*	750	760	NA	Arcadis
	04/23/2020	1,100	1,000	NA	Arcadis
	07/22/2020	1,200	1,000	NA	Arcadis
	10/21/2020	1,100	950	NA	Arcadis
	01/21/2021	1,100	940	NA	Arcadis
	04/21/2021	380	370	NA	Arcadis
No. of Samples: 50					
PMW-03	03/08/2001	3,400	NA	3,680	ALISTO
	03/08/2001*	3,400	NA	3,510	ALISTO
	05/24/2001	3,400	3,360	3,380	ALISTO
	05/24/2001*	3,700	3,510	3,570	ALISTO
	09/25/2001	3,700	NA	3,700	ALISTO

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-03	09/25/2001*	3,700	NA	3,600	ALISTO
	12/05/2001	3,600	NA	1,800	ALISTO
	12/05/2001*	3,800	NA	3,800	ALISTO
	02/13/2002	3,460	NA	3,880	CH2M
	05/22/2002	3,560	NA	3,780	CH2M
	08/20/2002	3,790	NA	3,740	CH2M
	11/11/2002	4,220	NA	3,630 J	CH2M
	02/17/2003	3,540	NA	3,890	CH2M
	02/17/2003*	3,350	NA	3,860	CH2M
	04/16/2003	3,380	NA	3,740	CH2M
	08/12/2003	3,400	NA	3,550	CH2M
	08/12/2003*	3,340	NA	3,640	CH2M
	02/18/2004	4,910	NA	3,750	CH2M
	02/18/2004*	4,980	NA	3,750	CH2M
	08/27/2004	3,180	NA	3,590	CH2M
	08/27/2004*	3,190	NA	3,530	CH2M
	02/09/2005	3,500	NA	3,390	CH2M
	02/09/2005*	3,200	NA	3,360	CH2M
	08/24/2005	4,750	NA	3,500	CH2M
	08/24/2005*	5,120	NA	3,600	CH2M
	02/21/2006	4,170	NA	3,610	CH2M
	04/20/2006	3,670	NA	3,550	CH2M
	06/14/2006	4,240	NA	3,450	CH2M
	08/08/2006	3,160	NA	3,600	CH2M
	10/20/2006	1,900	NA	2,370	CH2M
	12/07/2006	3,150	NA	3,140	CH2M
	02/16/2007	3,370	3,390	NA	CH2M
	04/19/2007	180	NA	176	CH2M
	06/21/2007	172	NA	199	CH2M
	06/21/2007*	177	NA	200	CH2M
	08/14/2007	187	NA	202	CH2M
	10/18/2007	157	NA	172	CH2M
	12/05/2007	150	NA	165	CH2M
	02/19/2008	147	NA	162	CH2M
	04/11/2008	145	171	NA	CH2M
	06/13/2008	1,930	NA	1,700	CH2M
	08/13/2008	2,950	NA	2,330	CH2M
	02/09/2009	584	NA	466	CH2M
	02/09/2009*	574	NA	459	CH2M
	08/07/2009	2,380	NA	2,110	CH2M
	02/12/2010	2,100	NA	2,350	CH2M
	08/23/2010	2,390	NA	2,800	CH2M
	01/26/2011	2,160	2,600	NA	CH2M
	06/28/2011	NA	2,000	NA	CH2M
	07/26/2011	2,000	1,900	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-03	09/19/2011	1,200	1,200	NA	CH2M
	11/09/2011	1,700	1,600	NA	CH2M
	01/20/2012	520	520	NA	CH2M
	05/01/2012	180	190	NA	CH2M
	08/02/2012	370	370	NA	CH2M
	10/17/2012	340	330	NA	CH2M
	01/16/2013	300	300	NA	CH2M
	04/18/2013	NA	190	NA	CH2M
	07/18/2013	240	230	NA	CH2M
	07/18/2013*	240	230	NA	CH2M
	10/04/2013	NA	320	NA	CH2M
	01/14/2014	330	340	NA	CH2M
	04/07/2014	NA	210	NA	CH2M
	07/11/2014	360	320	NA	CH2M
	10/20/2014	NA	1,100	NA	CH2M
	01/15/2015	1,900	1,900	NA	CH2M
	04/17/2015	NA	2,000	NA	CH2M
	07/16/2015	900	810	NA	CH2M
	07/16/2015*	880	810	NA	CH2M
	10/20/2015	NA	1,600	NA	Arcadis
	02/05/2016	NA	0.28	NA	Arcadis
	05/04/2016	4.5	ND (0.2)	NA	Arcadis
	08/03/2016	3.4	ND (0.2)	NA	Arcadis
	11/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/25/2017	2.1 J	ND (0.2)	NA	Arcadis
	01/25/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/27/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/28/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/26/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/31/2018	ND (1.0 J)	ND (0.2)	NA	Arcadis
	05/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/24/2018	3.3	ND (0.2)	NA	Arcadis
	02/13/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/08/2019	2.5	ND (0.2)	NA	Arcadis
	07/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2019	9.8	ND (0.2)	NA	Arcadis
	01/22/2020	1.7	ND (0.2)	NA	Arcadis
	04/23/2020	2.8	ND (0.2)	NA	Arcadis
	07/22/2020	2.8	ND (0.2)	NA	Arcadis
	10/21/2020	3.7	0.22	NA	Arcadis
	01/21/2021	3.4	ND (0.2)	NA	Arcadis
	04/21/2021	3.3	ND (0.2)	NA	Arcadis
No. of Samples:		93			
PMW-04	03/08/2001	410	NA	425	ALISTO

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-04	05/24/2001	350	370	360	ALISTO
	09/25/2001	480	NA	470	ALISTO
	12/05/2001	520	NA	510	ALISTO
	02/13/2002	931	NA	1,000	CH2M
	05/22/2002	1,430	NA	1,230	CH2M
	05/22/2002*	1,120	NA	1,200	CH2M
	08/20/2002	1,130	NA	1,180	CH2M
	02/17/2003	674	NA	798	CH2M
	08/12/2003	737	NA	809	CH2M
	02/18/2004	808	NA	687	CH2M
	08/27/2004	953	NA	896	CH2M
	02/09/2005	915	NA	872	CH2M
	12/10/2008	453	502	NA	Arcadis
	04/27/2011	240	240	NA	CH2M
	06/28/2011	NA	310	NA	CH2M
	07/26/2011	370	350	NA	CH2M
	09/19/2011	400	370	NA	CH2M
	09/19/2011*	420	380	NA	CH2M
	11/09/2011	380	360	NA	CH2M
	01/20/2012	350	350	NA	CH2M
	05/11/2012	260 J	270	NA	CH2M
	08/02/2012	230	230	NA	CH2M
	08/02/2012*	240	230	NA	CH2M
	10/17/2012	190	190	NA	CH2M
	01/16/2013	150	140	NA	CH2M
	04/18/2013	NA	50	NA	CH2M
	07/18/2013	NA	43	NA	CH2M
	10/04/2013	NA	73	NA	CH2M
	01/14/2014	NA	91	NA	CH2M
	04/07/2014	NA	98	NA	CH2M
	04/07/2014*	NA	99	NA	CH2M
	07/11/2014	NA	59	NA	CH2M
	10/20/2014	NA	48	NA	CH2M
	01/15/2015	NA	47	NA	CH2M
	04/17/2015	NA	57	NA	CH2M
	07/16/2015	NA	100	NA	CH2M
	10/20/2015	NA	77	NA	Arcadis
	02/05/2016	NA	3.0	NA	Arcadis
	02/05/2016*	NA	3.0	NA	Arcadis
	05/11/2016	NA	ND (0.2)	NA	Arcadis
	05/11/2016*	NA	ND (0.2)	NA	Arcadis
	08/03/2016	3.4	ND (0.2)	NA	Arcadis
	08/03/2016*	3.5	ND (0.2)	NA	Arcadis
	01/26/2017	2.8	ND (0.2)	NA	Arcadis
	01/26/2017*	1.9	ND (0.2)	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-04	07/28/2017	2.0	ND (0.2)	NA	Arcadis
	07/28/2017*	2.0	ND (0.2)	NA	Arcadis
	01/31/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/13/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	02/13/2019*	NA	ND (1.0)	NA	Arcadis
	07/24/2019	1.8	ND (0.2)	NA	Arcadis
	01/22/2020	6.2	ND (0.2)	NA	Arcadis
	01/22/2020*	NA	ND (0.2)	NA	Arcadis
	07/22/2020	1.8	ND (0.2)	NA	Arcadis
	01/21/2021	1.6	ND (0.2)	NA	Arcadis
	01/21/2021*	NA	ND (0.2)	NA	Arcadis
No. of Samples: 58					
PMW-05	03/08/2001	360	NA	373	ALISTO
	05/24/2001	270	280	270	ALISTO
	09/25/2001	510	NA	500	ALISTO
	12/05/2001	470	NA	480	ALISTO
	02/13/2002	1,140	NA	1,010	CH2M
	05/23/2002	986	NA	1,000	CH2M
	08/20/2002	1,510	NA	1,570	CH2M
	11/11/2002	1,640	NA	1,510 J	CH2M
	02/17/2003	1,210	NA	1,460	CH2M
	04/16/2003	1,310	NA	1,530	CH2M
	08/12/2003	1,460	NA	1,600	CH2M
	02/18/2004	1,670	NA	1,280	CH2M
	08/31/2004	2,580	NA	2,270	CH2M
	02/09/2005	2,600	NA	2,570	CH2M
	08/24/2005	4,000	NA	2,970	CH2M
	02/21/2006	2,450	NA	2,300	CH2M
	08/08/2006	1,710	NA	1,840	CH2M
	04/19/2007	1,390	NA	1,550	CH2M
	06/21/2007	1,300	NA	1,420	CH2M
	08/14/2007	1,460	NA	1,510	CH2M
	02/19/2008	2,120	NA	2,270	CH2M
	08/13/2008	507	NA	450	CH2M
	12/10/2008	564	583	NA	Arcadis
	04/27/2011	1,500	1,400	NA	CH2M
	07/26/2011	1,300	1,200	NA	CH2M
	09/19/2011	1,100	1,100	NA	CH2M
	11/09/2011	56	52	NA	CH2M
	01/20/2012	17	ND (0.2)	NA	CH2M
	05/01/2012	590	610	NA	CH2M
	08/02/2012	340	310	NA	CH2M
	10/17/2012	790	720	NA	CH2M
	01/16/2013	590	570	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-05	04/18/2013	NA	720	NA	CH2M
	10/04/2013	NA	540	NA	CH2M
	01/14/2014	NA	130	NA	CH2M
	01/14/2014*	NA	140	NA	CH2M
	04/07/2014	NA	1,100	NA	CH2M
	07/11/2014	NA	750	NA	CH2M
	10/20/2014	NA	850	NA	CH2M
	01/15/2015	NA	550	NA	CH2M
	06/24/2015	NA	770	NA	CH2M
	07/16/2015	NA	500	NA	CH2M
	10/20/2015	NA	1,000	NA	Arcadis
	02/05/2016	NA	0.43	NA	Arcadis
	05/04/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	08/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	11/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	11/03/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/26/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/27/2017	1,600	1,600	NA	Arcadis
	07/28/2017	1,300	1,300	NA	Arcadis
	10/26/2017	1.5	ND (0.2)	NA	Arcadis
	10/26/2017*	1.6	ND (0.2)	NA	Arcadis
	02/01/2018	490	500	NA	Arcadis
	03/07/2018	3,300	3,000	NA	Arcadis
	05/02/2018	63	70	NA	Arcadis
	07/25/2018	1,500	1,400	NA	Arcadis
	10/25/2018	720	670	NA	Arcadis
	02/13/2019	58	31	NA	Arcadis
	05/07/2019	5.2	1.8	NA	Arcadis
	07/25/2019	19	1.8	NA	Arcadis
	10/25/2019	22	3.3	NA	Arcadis
	01/22/2020	28	10	NA	Arcadis
	04/23/2020	2.2	0.22	NA	Arcadis
	07/22/2020	27	1.1	NA	Arcadis
	10/21/2020	2.8	ND (0.2)	NA	Arcadis
	01/21/2021	ND (1.0)	ND (0.2)	NA	Arcadis
	04/21/2021	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:		68			
PMW-06	03/08/2001	1,200	NA	1,210	ALISTO
	05/24/2001	1,100	1,180	1,120	ALISTO
	09/25/2001	1,100	NA	1,100	ALISTO
	12/05/2001	940	NA	900	ALISTO
	02/13/2002	640	NA	552	CH2M
	05/23/2002	547	NA	520	CH2M
	08/20/2002	482	NA	465	CH2M
	02/17/2003	384	NA	431	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-06	08/12/2003	377	NA	400	CH2M
	08/12/2003*	386	NA	424	CH2M
	02/18/2004	499	NA	415	CH2M
	02/18/2004*	581	NA	421	CH2M
	08/31/2004	670	NA	420	CH2M
	08/31/2004*	672	NA	420	CH2M
	02/09/2005	415	NA	434	CH2M
	12/10/2008	137	142	NA	Arcadis
	04/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/29/2011	NA	ND (0.2)	NA	CH2M
	07/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/19/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/20/2012	ND (1.0)	ND (0.2)	NA	CH2M
	05/01/2012	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/16/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/18/2013	NA	ND (0.2)	NA	CH2M
	04/18/2013*	NA	ND (0.2)	NA	CH2M
	07/18/2013	NA	ND (0.2)	NA	CH2M
	10/04/2013	NA	ND (0.2)	NA	CH2M
	01/14/2014	NA	ND (0.2)	NA	CH2M
	04/07/2014	NA	ND (0.2)	NA	CH2M
	07/11/2014	NA	ND (0.2)	NA	CH2M
	10/20/2014	NA	ND (0.2)	NA	CH2M
	01/15/2015	NA	ND (0.2)	NA	CH2M
	01/15/2015*	NA	ND (0.06)	NA	CH2M
	04/17/2015	NA	ND (0.2)	NA	CH2M
	07/16/2015	NA	ND (0.2)	NA	CH2M
	10/20/2015	NA	ND (0.2)	NA	Arcadis
	02/05/2016	NA	ND (0.2)	NA	Arcadis
	08/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/28/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	02/01/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/01/2018*	NA	ND (0.2)	NA	Arcadis
	07/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples: 46					
RD-01	07/26/2006	399	389 J	NA	CH2M
No. of Samples: 1					
SM-05	07/26/2006	2.07	1.17 J	NA	CH2M
No. of Samples: 1					
SM-06	07/26/2006	545	533 J	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 1					
TW-2S	07/15/2003	15.6	14.2	NA	CH2M
No. of Samples: 1					
WA-MW-01A	11/29/2006	8.27	7.36	NA	Arcadis
No. of Samples: 1					
WA-MW-01B	11/29/2006	44	53.9	NA	Arcadis
No. of Samples: 1					
WA-MW-02A	11/29/2006	60.9	75.4	NA	Arcadis
	02/20/2007	71	71.4	NA	CH2M
	04/19/2007	58.7	NA	60.5	CH2M
	06/21/2007	56.8	NA	67.8	CH2M
	08/17/2007	39.2	NA	42.3	CH2M
	10/18/2007	65.6	NA	75.4	CH2M
	10/18/2007*	64.6	NA	75.4	CH2M
	12/05/2007	63	NA	75.4	CH2M
	02/14/2008	70.4	NA	72.5	CH2M
	04/09/2008	69.1	NA	63.1	CH2M
	06/12/2008	34.6	NA	31.2	CH2M
	08/12/2008	28	26.2	NA	CH2M
	08/12/2008*	28.6	26.5	NA	CH2M
No. of Samples: 13					
WA-MW-02B	11/29/2006	48.4	60.8	NA	Arcadis
No. of Samples: 1					
WA-MW-03A	11/29/2006	29.2	34.6	NA	Arcadis
No. of Samples: 1					
WA-MW-03B	11/29/2006	41	52.7	NA	Arcadis
No. of Samples: 1					
WA-MW-04A	11/29/2006	31.7	39.5	NA	Arcadis
No. of Samples: 1					
WA-MW-04B	11/30/2006	33.9	38.2	NA	Arcadis
	02/20/2007	29.1	32	NA	CH2M
	08/17/2007	37	NA	41.1	CH2M
	02/14/2008	33	34.7	NA	CH2M
No. of Samples: 4					
WA-RC-01	11/30/2006	11.7	ND (1.0)	NA	Arcadis
No. of Samples: 1					
X-01	03/07/2001	300	NA	291	ALISTO
	05/22/2001	260	264	247	ALISTO
	09/26/2001	330	NA	310	ALISTO
	12/05/2001	350	NA	330	ALISTO
	08/19/2003	316	NA	331	CH2M
	02/17/2004	571	NA	393	CH2M
	08/31/2004	797	NA	677	CH2M
No. of Samples: 7					

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-02	03/07/2001	390	NA	393	ALISTO
	05/22/2001	580	634	568	ALISTO
	09/26/2001	810	NA	750	ALISTO
	12/05/2001	1,100	NA	1,100	ALISTO
	08/13/2003	647	NA	653	CH2M
	02/17/2004	998	NA	665	CH2M
	08/30/2004	645	NA	704	CH2M
	02/09/2005	494	NA	554	CH2M
	08/24/2005	539	NA	534	CH2M
	02/22/2006	656	NA	543	CH2M
	02/23/2007	589	600	NA	CH2M
	08/14/2007	624	NA	671	CH2M
	02/20/2008	713	NA	819	CH2M
	08/06/2008	1,100	NA	1,070	CH2M
No. of Samples: 14					
X-04	04/17/2014	NA	12	NA	CH2M
	06/22/2015	7.2	8.0	NA	CH2M
	07/13/2015	10	11	NA	CH2M
	08/07/2015	NA	7.1	NA	CH2M
	10/08/2015	NA	4.9	NA	Arcadis
	01/12/2016	6.6	6.8	NA	Arcadis
	04/07/2016	6.0	6.2	NA	Arcadis
	07/14/2016	5.3	5.1	NA	Arcadis
	10/13/2016	3.5	3.0	NA	Arcadis
	01/12/2017	6.8	6.4	NA	Arcadis
	04/20/2017	8.0	7.4	NA	Arcadis
	07/25/2017	1.4	1.0	NA	Arcadis
	10/10/2017	1.4	0.81	NA	Arcadis
	01/18/2018	1.2	0.51	NA	Arcadis
	04/10/2018	ND (1.0)	0.44	NA	Arcadis
	07/17/2018	5.2	2.2	NA	Arcadis
	09/06/2018	ND (1.0)	0.52	NA	Arcadis
	02/13/2019	1.8 J	0.65	NA	Arcadis
	02/13/2019*	9.7 J	0.62	NA	Arcadis
	04/11/2019	14	12	NA	Arcadis
	06/05/2019	ND (1.0)	0.51	NA	Arcadis
	07/11/2019	ND (1.0)	0.61	NA	Arcadis
	10/10/2019	2.1	0.74	NA	Arcadis
	01/15/2020	1.2	0.74	NA	Arcadis
	04/14/2020	1.7	1.4	NA	Arcadis
	07/09/2020	2.8	2.2	NA	Arcadis
	01/06/2021	6.6	5.8	NA	Arcadis
	03/03/2021	5.8	4.5	NA	Arcadis
	04/15/2021	5.9	6.2	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 29					
X-05	03/09/2001	31	NA	NA	ALISTO
	05/23/2001	38	2.4	20	ALISTO
	09/26/2001	35	NA	NA	ALISTO
	12/06/2001	29	NA	NA	ALISTO
	02/13/2002	33	NA	NA	CH2M
	05/22/2002	29.2	NA	37	CH2M
	05/22/2002*	30.8	NA	39	CH2M
	08/20/2002	41.1	NA	13.9	CH2M
	11/11/2002	30.8	NA	25 J	CH2M
	02/17/2003	31.2	NA	27.9	CH2M
	08/19/2003	27.1	NA	19.6	CH2M
	02/19/2004	38.7	NA	ND (10)	CH2M
	08/30/2004	32.3	NA	28.2	CH2M
	02/22/2007	14	15.5	NA	CH2M
	08/14/2007	23	24.1	NA	CH2M
	02/20/2008	22.8	19.5	NA	CH2M
	08/13/2008	22.9	20.3	NA	CH2M
	04/15/2014	NA	14	NA	CH2M
	06/22/2015	11	12	NA	CH2M
	07/13/2015	10	11	NA	CH2M
	08/07/2015	NA	11	NA	CH2M
	10/08/2015	NA	12	NA	Arcadis
	01/12/2016	17	18	NA	Arcadis
	04/07/2016	11	10	NA	Arcadis
	07/14/2016	9.1	9.0	NA	Arcadis
	10/13/2016	5.5	5.4	NA	Arcadis
	01/12/2017	4.6	4.6	NA	Arcadis
	04/20/2017	4.0	4.1	NA	Arcadis
	07/25/2017	3.3	3.5	NA	Arcadis
	10/19/2017	2.8	2.6	NA	Arcadis
	01/18/2018	2.2	1.8	NA	Arcadis
	04/19/2018	1.6	1.5	NA	Arcadis
	07/17/2018	1.6	1.3	NA	Arcadis
	02/13/2019	ND (1.0)	0.094	NA	Arcadis
	04/11/2019	14	11	NA	Arcadis
	06/06/2019	ND (1.0)	0.11	NA	Arcadis
	07/11/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2020	ND (1.0)	0.25	NA	Arcadis
	04/14/2020	12	13	NA	Arcadis
	07/09/2020	2.5	2.0	NA	Arcadis
	01/20/2021	7.8	7.6	NA	Arcadis
	03/03/2021	8.2	7.4	NA	Arcadis
	04/15/2021	4.3	4.1	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 44					
X-06	03/07/2001	180	NA	180	ALISTO
	05/22/2001	200	208	190	ALISTO
	09/27/2001	260	NA	250	ALISTO
	12/05/2001	270	NA	270	ALISTO
	08/20/2002	310	NA	257	CH2M
	11/11/2002	296	NA	257 J	CH2M
	02/17/2003	246	NA	277	CH2M
	08/13/2003	270	NA	235	CH2M
	02/18/2004	639	NA	252	CH2M
	08/30/2004	193	NA	169	CH2M
	02/09/2005	130	NA	136	CH2M
	04/14/2008	94.7	102	NA	Arcadis
	04/10/2014	NA	23	NA	CH2M
	06/22/2015	67	61	NA	CH2M
	07/13/2015	70	74	NA	CH2M
	08/07/2015	NA	77	NA	CH2M
	09/01/2015	NA	79	NA	CH2M
	10/13/2015	NA	39	NA	Arcadis
	01/12/2016	41	40	NA	Arcadis
	04/07/2016	86	79	NA	Arcadis
	04/07/2016*	94	79	NA	Arcadis
	07/14/2016	110	100	NA	Arcadis
	10/11/2016	110	100	NA	Arcadis
	01/12/2017	110	100	NA	Arcadis
	04/20/2017	120	130	NA	Arcadis
	07/25/2017	230	220	NA	Arcadis
	10/10/2017	280	290	NA	Arcadis
	01/18/2018	210	200	NA	Arcadis
	01/18/2018*	220	200	NA	Arcadis
	04/10/2018	230	230	NA	Arcadis
	04/10/2018*	230	230	NA	Arcadis
	07/17/2018	220	230	NA	Arcadis
	10/04/2018	290	270	NA	Arcadis
	02/13/2019	740	700	NA	Arcadis
	04/11/2019	60	54	NA	Arcadis
	07/11/2019	750	730	NA	Arcadis
	10/10/2019	790	700	NA	Arcadis
	01/14/2020	750	700	NA	Arcadis
	04/14/2020	680	670	NA	Arcadis
	07/14/2020	650	550	NA	Arcadis
	07/14/2020*	590	550	NA	Arcadis
	11/03/2020	670	620	NA	Arcadis
	01/06/2021	530	510	NA	Arcadis
	04/13/2021	500	500	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 44					
X-07	03/07/2001	290	NA	291	ALISTO
	03/07/2001*	290	NA	296	ALISTO
	05/22/2001	160	132	150	ALISTO
	05/22/2001*	13	4.0	ND (10)	ALISTO
	09/25/2001	330	NA	390	ALISTO
	09/25/2001*	410	NA	390	ALISTO
	12/05/2001	420	NA	400	ALISTO
	12/05/2001*	420	NA	390	ALISTO
	08/13/2003	676	NA	641	CH2M
	02/18/2004	1,490	NA	1,090	CH2M
	08/30/2004	1,480	NA	1,390	CH2M
	12/09/2004	937	905	NA	CH2M
	02/11/2005	1,060	NA	1,240	CH2M
	04/12/2005	287	301	NA	CH2M
	05/04/2005	355	329	NA	CH2M
	05/24/2005	418	408	NA	CH2M
	08/19/2005	905	840	NA	CH2M
	02/22/2006	1,370	NA	1,200	CH2M
	08/17/2006	975	NA	1,100	CH2M
	02/22/2007	838	879	NA	CH2M
	08/22/2007	786 J	NA	949	CH2M
	02/19/2008	699	NA	685	CH2M
	08/14/2008	873	NA	854	CH2M
	08/14/2008*	922	974	NA	CH2M
No. of Samples: 24					
X-08	03/07/2001	260	NA	267	ALISTO
	05/22/2001	210	212	200	ALISTO
	09/25/2001	210	NA	260	ALISTO
	12/05/2001	300	NA	290	ALISTO
	08/15/2003	356	NA	391	CH2M
	02/18/2004	1,100	NA	390	CH2M
	08/30/2004	420	NA	359	CH2M
	02/10/2005	393	NA	437	CH2M
	08/24/2005	464	NA	470	CH2M
	02/22/2007	401	486	NA	CH2M
	08/14/2007	402	NA	378	CH2M
	02/19/2008	286	NA	330	CH2M
	08/14/2008	310	NA	254	CH2M
No. of Samples: 13					
X-09	08/19/2003	19.7	NA	17.2	CH2M
	02/20/2004	23.2	NA	21.9	CH2M
	08/27/2004	18.2	NA	15	CH2M
	04/14/2008	23.8	18	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-09	04/29/2014	NA	96	NA	CH2M
	06/22/2015	74	73	NA	CH2M
	07/13/2015	53	57	NA	CH2M
	08/07/2015	NA	51	NA	CH2M
	09/01/2015	NA	49	NA	CH2M
	10/08/2015	NA	46	NA	Arcadis
	01/20/2016	46	45	NA	Arcadis
	04/07/2016	42	43	NA	Arcadis
	07/14/2016	43	43	NA	Arcadis
	10/11/2016	47	46	NA	Arcadis
	01/12/2017	52	52	NA	Arcadis
	04/20/2017	39	41	NA	Arcadis
	07/25/2017	31	32	NA	Arcadis
	10/10/2017	31	32	NA	Arcadis
	01/18/2018	23	23	NA	Arcadis
	04/10/2018	14	17	NA	Arcadis
	07/17/2018	11	10	NA	Arcadis
	02/13/2019	72	72	NA	Arcadis
	04/11/2019	75	73	NA	Arcadis
	07/11/2019	5.4	5.7	NA	Arcadis
	10/10/2019	3.9	3.5	NA	Arcadis
	01/15/2020	3.9	4.2	NA	Arcadis
	06/02/2020	8.9	9.3	NA	Arcadis
	07/14/2020	9.7	8.5	NA	Arcadis
	11/03/2020	11	11	NA	Arcadis
	01/06/2021	12	11	NA	Arcadis
	04/15/2021	6.7	7.4	NA	Arcadis
No. of Samples:		31			
X-10	03/08/2001	24	NA	23	ALISTO
	05/23/2001	74	72.4	72	ALISTO
	09/26/2001	34	33	24	ALISTO
	12/06/2001	31	NA	28	ALISTO
	08/18/2003	19.3	NA	14.8	CH2M
	02/19/2004	30.8	NA	ND (10)	CH2M
	08/27/2004	15.4	NA	10.6	CH2M
	03/22/2006	19.4	12	NA	CH2M
	02/22/2007	15	10.6	NA	CH2M
	08/22/2007	5.82	3.84	NA	CH2M
	02/20/2008	5.95	5.93	NA	CH2M
	08/14/2008	14.8	14.5	NA	CH2M
	11/01/2010	16.6	15.8	NA	CH2M
	01/31/2011	10.2	9.8	NA	CH2M
	04/26/2011	20	20	NA	CH2M
	04/26/2011*	21	20	NA	CH2M
	07/27/2011	24	22	NA	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-10	11/11/2011	9.5	9.8	NA	CH2M
	01/25/2012	3.6	3.5	NA	CH2M
	05/02/2012	6.0	6.4	NA	CH2M
	08/06/2012	2.7	3.2	NA	CH2M
	08/06/2012*	2.8	3.3	NA	CH2M
	10/18/2012	5.1	5.0	NA	CH2M
	01/15/2013	32	30	NA	CH2M
	04/18/2013	NA	55	NA	CH2M
	07/17/2013	NA	69	NA	CH2M
	10/03/2013	NA	50	NA	CH2M
	01/13/2014	NA	34	NA	CH2M
	04/09/2014	NA	42	NA	CH2M
	07/15/2014	NA	42	NA	CH2M
	10/13/2014	NA	42	NA	CH2M
	01/07/2015	NA	38	NA	CH2M
	04/14/2015	NA	43	NA	CH2M
	07/17/2015	NA	10	NA	CH2M
	07/17/2015*	NA	9.6	NA	CH2M
	10/22/2015	NA	0.72	NA	Arcadis
	01/13/2016	NA	21	NA	Arcadis
	04/14/2016	NA	0.58	NA	Arcadis
	07/19/2016	4.3	3.9	NA	Arcadis
	01/12/2017	48	45	NA	Arcadis
	07/27/2017	42	45	NA	Arcadis
	01/24/2018	4.7	4.7	NA	Arcadis
	07/25/2018	10	9.6	NA	Arcadis
	01/15/2019	6.1	5.6	NA	Arcadis
	07/16/2019	17	19	NA	Arcadis
	01/21/2020	21	22	NA	Arcadis
	01/21/2020*	21	23	NA	Arcadis
	07/22/2020	19	17	NA	Arcadis
	01/15/2021	21	20	NA	Arcadis
No. of Samples:		49			
X-11	03/08/2001	110	NA	120	ALISTO
	03/08/2001*	110	NA	NA	ALISTO
	05/23/2001	130	124	120	ALISTO
	05/23/2001*	120	125	120	ALISTO
	09/26/2001	200	NA	130	ALISTO
	09/26/2001*	200	NA	130	ALISTO
	12/05/2001	200	NA	130	ALISTO
	12/05/2001*	190	NA	130	ALISTO
	08/14/2003	3.9	NA	ND (10)	CH2M
	09/25/2008	378	99.7	NA	Arcadis
	10/13/2009	85.8	97	NA	Arcadis
	01/04/2010	98	100	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-11	02/02/2010	96.6	98.1	NA	Arcadis
	02/02/2010*	96.6	97.9	NA	Arcadis
	03/23/2010	73.1	85	NA	Arcadis
	05/21/2010	98.4	93.7	NA	CH2M
	05/21/2010*	101	95.6	NA	CH2M
	06/22/2010	83.5	79.6	NA	CH2M
	08/16/2010	90.6	99.8	NA	CH2M
	08/16/2010*	90.4	99.2	NA	CH2M
	11/01/2010	60.2	62.8	NA	CH2M
	01/31/2011	88.3	87.4	NA	CH2M
	04/26/2011	37	34	NA	CH2M
	07/27/2011	60	50	NA	CH2M
	11/11/2011	38	38	NA	CH2M
	01/25/2012	16	14	NA	CH2M
	05/02/2012	23	19	NA	CH2M
	08/06/2012	2.1	0.7	NA	CH2M
	10/18/2012	2.6	0.24	NA	CH2M
	01/15/2013	4.0	0.54	NA	CH2M
	04/18/2013	NA	ND (0.2)	NA	CH2M
	07/17/2013	NA	ND (0.2)	NA	CH2M
	10/03/2013	NA	0.23	NA	CH2M
	01/13/2014	NA	0.7	NA	CH2M
	04/09/2014	NA	9.3	NA	CH2M
	07/15/2014	NA	0.44	NA	CH2M
	10/13/2014	NA	0.89	NA	CH2M
	01/07/2015	NA	2.2	NA	CH2M
	04/14/2015	NA	1.6	NA	CH2M
	07/17/2015	NA	2.2	NA	CH2M
	10/22/2015	NA	0.29	NA	Arcadis
	01/13/2016	NA	2.7	NA	Arcadis
	04/14/2016	NA	1.8	NA	Arcadis
	07/19/2016	2.6	0.34	NA	Arcadis
	07/27/2017	2.5	1.3	NA	Arcadis
	07/25/2018	10	10	NA	Arcadis
	07/16/2019	23	20	NA	Arcadis
	07/21/2020	35	11	NA	Arcadis
No. of Samples: 48					
X-12	03/08/2001	310	NA	335	ALISTO
	05/23/2001	94	89.2	89	ALISTO
	09/26/2001	270	NA	250	ALISTO
	12/06/2001	220	NA	240	ALISTO
	08/14/2003	372	NA	311	CH2M
	02/17/2004	536	NA	360	CH2M
	08/27/2004	597	NA	366	CH2M
	02/10/2005	319	NA	343	CH2M

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-12	09/25/2008	262	260	NA	Arcadis
	06/23/2010	247	247	NA	CH2M
	07/27/2011	190	170	NA	CH2M
	11/11/2011	170	180	NA	CH2M
	11/11/2011*	170	180	NA	CH2M
	01/25/2012	190	190	NA	CH2M
	05/02/2012	160	150	NA	CH2M
	08/06/2012	160	180	NA	CH2M
	10/18/2012	190	190	NA	CH2M
	10/18/2012*	180	180	NA	CH2M
	01/15/2013	260	260	NA	CH2M
	04/18/2013	NA	200	NA	CH2M
	07/17/2013	NA	300	NA	CH2M
	10/03/2013	NA	260	NA	CH2M
	01/13/2014	NA	370	NA	CH2M
	04/23/2014	NA	290	NA	CH2M
	07/15/2014	NA	480	NA	CH2M
	07/15/2014*	NA	470	NA	CH2M
	10/13/2014	NA	320	NA	CH2M
	01/07/2015	290	300	NA	CH2M
	06/22/2015	120	120	NA	CH2M
	07/13/2015	95	98	NA	CH2M
	08/07/2015	NA	78	NA	CH2M
	09/01/2015	NA	69	NA	CH2M
	10/08/2015	37	39	NA	Arcadis
	01/07/2016	15	13	NA	Arcadis
	04/14/2016	160	160	NA	Arcadis
	07/19/2016	6.1 J	5.9	NA	Arcadis
	07/19/2016*	6.5	5.9	NA	Arcadis
	10/11/2016	3.3	2.9	NA	Arcadis
	01/12/2017	2.3	1.8	NA	Arcadis
	01/12/2017*	2.2	1.8	NA	Arcadis
	04/20/2017	3.5	3.5	NA	Arcadis
	07/25/2017	3.0	3.3	NA	Arcadis
	07/25/2017*	3.2	3.3	NA	Arcadis
	10/10/2017	3.0	3.2	NA	Arcadis
	01/18/2018	2.9	2.8	NA	Arcadis
	04/12/2018	2.6	2.7	NA	Arcadis
	07/25/2018	2.3	2.4	NA	Arcadis
	10/16/2018	2.4	2.3	NA	Arcadis
	10/16/2018*	2.5	2.6	NA	Arcadis
	01/08/2019	2.4	2.1	NA	Arcadis
	01/08/2019*	2.3	2.1	NA	Arcadis
	04/11/2019	74	74	NA	Arcadis
	04/11/2019*	75	73	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-12	06/05/2019	3.0	3.1	NA	Arcadis
	07/16/2019	3.1	3.3	NA	Arcadis
	07/16/2019*	3.2	3.3	NA	Arcadis
	10/25/2019	3.1	3.0	NA	Arcadis
	01/21/2020	2.9	3.0	NA	Arcadis
	04/13/2020	2.9	3.2	NA	Arcadis
	07/20/2020	3.8	3.3	NA	Arcadis
	07/20/2020*	3.7	3.4	NA	Arcadis
	11/03/2020	3.0	2.9	NA	Arcadis
	01/14/2021	3.5	3.1	NA	Arcadis
	01/14/2021*	3.3	3.2	NA	Arcadis
	04/13/2021	2.9	2.9	NA	Arcadis
No. of Samples:		65			
X-13	03/07/2001	94	NA	95	ALISTO
	05/23/2001	400	387	378	ALISTO
	09/26/2001	90	NA	42	ALISTO
	12/06/2001	41	NA	32	ALISTO
	02/11/2002	57.6	NA	41	CH2M
	05/20/2002	35.2	NA	43	CH2M
	08/21/2002	39.1	NA	21.5	CH2M
	11/12/2002	36.1	NA	14.6	CH2M
	02/18/2003	19.5	NA	14.9	CH2M
	08/18/2003	26.7	NA	20.8	CH2M
	02/19/2004	7.7	NA	ND (10)	CH2M
	08/27/2004	4.56	NA	ND (10)	CH2M
	09/25/2008	27.5	22.3	NA	Arcadis
	01/25/2012	300	290	NA	CH2M
	05/02/2012	520	490	NA	CH2M
	08/06/2012	590	570	NA	CH2M
	10/18/2012	230	230	NA	CH2M
	01/15/2013	860	870	NA	CH2M
	04/18/2013	NA	810	NA	CH2M
	07/17/2013	NA	810	NA	CH2M
	08/19/2013	NA	642	NA	CH2M
	08/21/2013	NA	320	NA	CH2M
	08/22/2013	NA	298	NA	CH2M
	10/03/2013	NA	870	NA	CH2M
	10/03/2013*	NA	870	NA	CH2M
	01/13/2014	NA	760	NA	CH2M
	04/09/2014	NA	720	NA	CH2M
	07/15/2014	NA	690	NA	CH2M
	10/13/2014	NA	680	NA	CH2M
	01/07/2015	NA	740	NA	CH2M
	06/22/2015	250	230	NA	CH2M
	07/13/2015	58 J	83 J	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-13	08/07/2015	NA	210	NA	CH2M
	09/01/2015	NA	210	NA	CH2M
	10/08/2015	NA	200	NA	CH2M
	01/07/2016	NA	180	NA	Arcadis
	04/14/2016	150	150	NA	Arcadis
	07/19/2016	130	120	NA	Arcadis
	10/11/2016	110	110	NA	Arcadis
	01/12/2017	88	88	NA	Arcadis
	04/20/2017	83	85	NA	Arcadis
	04/20/2017*	85	86	NA	Arcadis
	07/25/2017	75	77	NA	Arcadis
	10/10/2017	81	83	NA	Arcadis
	01/18/2018	70	70	NA	Arcadis
	01/18/2018*	71	73	NA	Arcadis
	05/02/2018	71	78	NA	Arcadis
	05/02/2018*	71	77	NA	Arcadis
	07/25/2018	67	69	NA	Arcadis
	10/16/2018	72	75	NA	Arcadis
	01/08/2019	71	70	NA	Arcadis
	04/11/2019	67	66	NA	Arcadis
	07/16/2019	120	130	NA	Arcadis
	11/08/2019	130	130	NA	Arcadis
	11/08/2019*	120	130	NA	Arcadis
	12/05/2019	90	100	NA	Arcadis
	01/21/2020	130	130	NA	Arcadis
	04/13/2020	130	140	NA	Arcadis
	04/13/2020*	130	140	NA	Arcadis
	07/20/2020	62	59	NA	Arcadis
	07/20/2020*	62	58	NA	Arcadis
	11/03/2020	53	53	NA	Arcadis
	11/03/2020*	54	54	NA	Arcadis
	01/14/2021	51	50	NA	Arcadis
	01/14/2021*	49	49	NA	Arcadis
	04/13/2021	50	52	NA	Arcadis
	04/13/2021*	52	52	NA	Arcadis
No. of Samples: 67					
X-14	03/08/2001	110	NA	120	ALISTO
	05/23/2001	110	100	110	ALISTO
	09/25/2001	76	NA	51	ALISTO
	12/07/2001	71	NA	63	ALISTO
	08/14/2003	34.9	NA	31.6	CH2M
	02/17/2004	17.4	NA	ND (10)	CH2M
	08/27/2004	48.4	NA	45.7	CH2M
	02/10/2005	5.68 J	NA	24.3 J	CH2M
	09/25/2008	215	193	NA	Arcadis

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-14	05/17/2012	210	210	NA	CH2M
No. of Samples: 10					
X-15	03/08/2001	11 J	NA	20	ALISTO
	12/05/2001	40	NA	45	ALISTO
	09/13/2016	2.2	2.1	NA	Arcadis
	07/28/2017	9.8	10	NA	Arcadis
	07/27/2018	8.1	8.2	NA	Arcadis
	07/16/2019	9.3	10	NA	Arcadis
	04/09/2020	26	25	NA	Arcadis
	06/02/2020	48	37	NA	Arcadis
	07/21/2020	37	31	NA	Arcadis
No. of Samples: 9					
X-16	03/08/2001	22	NA	27	ALISTO
	05/23/2001	25	25.5	25	ALISTO
	09/26/2001	100	NA	81	ALISTO
	12/13/2001	84	NA	71	ALISTO
	05/21/2002	106	NA	114	CH2M
	08/21/2002	108	NA	91.5	CH2M
	11/12/2002	82.7	NA	81.3	CH2M
	02/18/2003	92	NA	90.6	CH2M
	02/18/2003*	92.3	NA	89.6	CH2M
	06/24/2003	67.9	63.8	NA	CH2M
	08/14/2003	94.3	95.5	NA	CH2M
	08/14/2003*	91.3	97.3	NA	CH2M
	10/29/2003	78.8	71.8	NA	CH2M
	12/02/2003	85.6 J	76	NA	CH2M
	02/20/2004	109	116 J	NA	CH2M
	02/20/2004*	109	124 J	NA	CH2M
	04/27/2004	98.6	107	NA	CH2M
	06/15/2004	103	99.3	NA	CH2M
	08/27/2004	90	99.1 J	NA	CH2M
	08/27/2004*	100	78.9 J	NA	CH2M
	10/15/2004	82	91.9	NA	CH2M
	12/08/2004	117	110	NA	CH2M
	09/25/2008	132	111	NA	Arcadis
	09/25/2008*	136	112	NA	Arcadis
	06/22/2010	168	173	NA	CH2M
	11/01/2010	171	185	NA	CH2M
	01/31/2011	94.6	92.2	NA	CH2M
	04/26/2011	61	56	NA	CH2M
	07/27/2011	55	46	NA	CH2M
	11/11/2011	44	42	NA	CH2M
	01/25/2012	35	33	NA	CH2M
	05/02/2012	34	34	NA	CH2M

Table E-1

**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-16	08/06/2012	28	32	NA	CH2M
	10/18/2012	28	26	NA	CH2M
	01/15/2013	27	24	NA	CH2M
	01/15/2013*	27	25	NA	CH2M
	04/18/2013	NA	17	NA	CH2M
	04/18/2013*	NA	17	NA	CH2M
	07/17/2013	NA	17	NA	CH2M
	10/03/2013	NA	20	NA	CH2M
	01/13/2014	NA	23	NA	CH2M
	04/09/2014	NA	12	NA	CH2M
	07/15/2014	NA	15	NA	CH2M
	10/13/2014	NA	14	NA	CH2M
	01/07/2015	NA	13	NA	CH2M
	04/14/2015	NA	14	NA	CH2M
	07/17/2015	NA	9.0	NA	CH2M
	10/22/2015	NA	8.6	NA	Arcadis
	01/13/2016	NA	7.4	NA	Arcadis
	04/14/2016	NA	5.3	NA	Arcadis
	07/19/2016	13	8.0	NA	Arcadis
	07/28/2017	5.1	4.3	NA	Arcadis
	07/27/2018	3.1	0.54	NA	Arcadis
	07/16/2019	ND (1.0)	0.38	NA	Arcadis
	04/23/2020	NA	0.72	NA	Arcadis
	07/21/2020	2.1	0.69	NA	Arcadis
No. of Samples: 56					
X-17	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	09/25/2001	59	NA	40	ALISTO
	12/07/2001	39	NA	40	ALISTO
	08/18/2003	5.2	ND (0.2)	NA	CH2M
	09/25/2008	131	38.4	NA	Arcadis
	02/05/2009	56.2	50.7	NA	CH2M
	04/30/2009	85.6	87.8	NA	Arcadis
	04/30/2009*	89.6	87.8	NA	Arcadis
	08/06/2009	107	89.1	NA	CH2M
	02/17/2010	85.6	91.7	NA	CH2M
	07/19/2016	5.4	5.1	NA	Arcadis
	01/12/2017	32	28	NA	Arcadis
	07/28/2017	7.6	6.2	NA	Arcadis
	01/24/2018	110	60	NA	Arcadis
	07/25/2018	36	30	NA	Arcadis
	01/15/2019	76	67	NA	Arcadis
	07/16/2019	230	250	NA	Arcadis
	01/21/2020	130	120	NA	Arcadis
	07/21/2020	290	270	NA	Arcadis
	01/15/2021	220 J	180	NA	Arcadis

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**Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California**

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples: 20					
Y-01	08/26/2013	10.7	11.7	NA	CH2M
	07/17/2014	NA	12	NA	CH2M
	10/14/2014	NA	13	NA	CH2M
	01/22/2015	NA	12	NA	CH2M
	04/13/2015	8.7	9.1	NA	CH2M
	08/03/2015	16	17	NA	CH2M
	10/06/2015	6.5	7.4	NA	Arcadis
	03/02/2016	4.9	5.4	NA	Arcadis
	04/05/2016	4.9	5.0	NA	Arcadis
	07/21/2016	4.1	4.6	NA	Arcadis
	07/21/2016*	4.4	4.6	NA	Arcadis
	10/04/2016	4.6	4.4	NA	Arcadis
	01/05/2017	4.3	4.8	NA	Arcadis
	04/06/2017	3.3	3.7	NA	Arcadis
	04/06/2017*	3.4	3.7	NA	Arcadis
	07/20/2017	3.5	3.5	NA	Arcadis
	10/03/2017	2.6	3.4	NA	Arcadis
	01/16/2018	2.5	2.6	NA	Arcadis
	04/03/2018	2.4	2.8	NA	Arcadis
	07/17/2018	2.7	2.7	NA	Arcadis
	10/05/2018	2.7	2.9	NA	Arcadis
	10/05/2018*	2.7	2.8	NA	Arcadis
	02/12/2019	2.6	2.7	NA	Arcadis
	04/04/2019	2.0	2.5	NA	Arcadis
	07/11/2019	1.9	2.3	NA	Arcadis
	10/10/2019	2.0	2.2	NA	Arcadis
	01/14/2020	2.1	2.3	NA	Arcadis
	04/14/2020	2.0	2.1	NA	Arcadis
	07/09/2020	2.1	2.0	NA	Arcadis
	10/15/2020	2.2	2.0	NA	Arcadis
	01/12/2021	2.1	2.1	NA	Arcadis
	04/08/2021	2.2	2.1	NA	Arcadis
No. of Samples: 32					
Y-02	08/26/2013	5.9	6.6	NA	CH2M
No. of Samples: 1					
Y-03	08/26/2013	12.3	13.6	NA	CH2M
	07/17/2014	NA	11	NA	CH2M
	10/14/2014	NA	12	NA	CH2M
	01/22/2015	NA	8.5	NA	CH2M
	04/13/2015	5.5	5.8	NA	CH2M
	07/09/2015	7.3	7.8	NA	CH2M
	10/06/2015	6.7	7.3	NA	Arcadis
	01/05/2016	5.7	6.0	NA	Arcadis

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
 Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
 Site-wide Groundwater Monitoring Program
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
Y-03	04/05/2016	6.9	6.0	NA	Arcadis
	04/05/2016*	7.2	6.0	NA	Arcadis
	07/21/2016	5.5	5.8	NA	Arcadis
	10/04/2016	5.5	5.6	NA	Arcadis
	01/05/2017	5.1	5.7	NA	Arcadis
	01/05/2017*	5.3	5.7	NA	Arcadis
	04/06/2017	4.6	5.2	NA	Arcadis
	07/20/2017	4.0	4.8	NA	Arcadis
	07/20/2017*	4.1	4.7	NA	Arcadis
	10/03/2017	4.4	5.1	NA	Arcadis
	10/03/2017*	4.0	5.1	NA	Arcadis
	01/16/2018	4.6	4.9	NA	Arcadis
	04/03/2018	4.2	4.6	NA	Arcadis
	04/03/2018*	4.3	4.6	NA	Arcadis
	07/17/2018	4.4	4.6	NA	Arcadis
	10/05/2018	4.4	4.4	NA	Arcadis
	02/12/2019	4.3	4.2	NA	Arcadis
	04/04/2019	3.5	4.0	NA	Arcadis
	07/11/2019	2.8	3.4	NA	Arcadis
	10/10/2019	3.1	3.2	NA	Arcadis
	01/14/2020	3.4	3.4	NA	Arcadis
	04/14/2020	2.9	2.9	NA	Arcadis
	07/09/2020	2.7	2.3	NA	Arcadis
	10/15/2020	2.6	2.3	NA	Arcadis
	01/14/2021	2.2	2.1	NA	Arcadis
	04/08/2021	2.0	2.0	NA	Arcadis
No. of Samples:		34			

Table E-1

Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results Site-wide Groundwater Monitoring Program Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Notes:

Results that are bolded are detected concentrations without J qualifier.
All concentrations in micrograms per liter (µg/L)

- ^a PG&E believes all Fourth Quarter 2014 and First Quarter 2015 chromium concentrations in the MW-196 well cluster reflect local groundwater conditions and are not related to the chromium plume. Discussions regarding these results were presented in the January 30, 2015 Evaluation of Fourth Quarter 2014 Chromium Results for the MW-196 Monitoring Well Cluster and the April 30, 2015 Evaluation of First Quarter 2015 Chromium Results for the MW-196 Monitoring Well Cluster.
- ^b Samples were collected after isolating deep screen of extraction well with a packer.
- ^c Samples were collected after isolating shallow screen of extraction well with a packer.
- ^d Sample collected prior to operation of extraction well pump, therefore results are not considered representative of the groundwater within the well.

Abbreviations:

* = Results shown are for a duplicate sample taken on this date.

µg/L = micrograms per liter

Alisto = Alisto Engineering Group

Arcadis = Arcadis U.S., Inc.

CH2M = CH2M HILL, Inc.

GMP = Groundwater Monitoring Program

J = Analyte was present in the sample but the laboratory reported concentration is qualified as estimated by data validation because one or more quality control criteria were not met.

NA = Sample was not analyzed using this method.

ND (x.x) = Parameter is not detected at the reporting limit shown.

Appendix F

**Laboratory Analytical Reports and Chain-of-Custody Records
(provided at Geotracker website**

http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Table F-1
Index to Laboratory Analytical Reports and Chain-of-Custody Records
Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
01-01A	04/09/21		ASSET	N044922	N044922-001A
	04/09/21		ASSET	N044922	N044922-001B
02-02A	04/05/21		ASSET	N044847	N044847-003A
	04/05/21		ASSET	N044847	N044847-003B
02-02B	04/05/21		ASSET	N044847	N044847-004A
	04/05/21		ASSET	N044847	N044847-004B
	04/05/21	FD	ASSET	N044847	N044847-005A
	04/05/21	FD	ASSET	N044847	N044847-005B
02-23	04/05/21		ASSET	N044847	N044847-001A
	04/05/21		ASSET	N044847	N044847-001B
22-103	04/08/21		ASSET	N044902	N044902-005A
	04/08/21		ASSET	N044902	N044902-005B
22-48	04/08/21		ASSET	N044902	N044902-004A
	04/08/21		ASSET	N044902	N044902-004B
22-60	04/15/21		ASSET	N045003	N045003-001A
	04/15/21		ASSET	N045003	N045003-001B
22-75	04/08/21		ASSET	N044902	N044902-001A
	04/08/21		ASSET	N044902	N044902-001B
22-82	04/08/21		ASSET	N044902	N044902-006A
	04/08/21		ASSET	N044902	N044902-006B
23-30	04/07/21		ASSET	N044889	N044889-003A
	04/07/21		ASSET	N044889	N044889-003B
25-16	04/06/21		ASSET	N044862	N044862-003A
	04/06/21		ASSET	N044862	N044862-003B
27-16	04/09/21		ASSET	N044922	N044922-002A
	04/09/21		ASSET	N044922	N044922-002B
27-26	04/09/21		ASSET	N044922	N044922-003A
	04/09/21		ASSET	N044922	N044922-003B
	04/09/21	FD	ASSET	N044922	N044922-004A
	04/09/21	FD	ASSET	N044922	N044922-004B
27-42	04/08/21		ASSET	N044902	N044902-002A
	04/08/21		ASSET	N044902	N044902-002B
27-43	04/08/21		ASSET	N044902	N044902-003A
	04/08/21		ASSET	N044902	N044902-003B
27-48	06/01/21		ASSET	N045693	N045693-001A
	06/01/21		ASSET	N045693	N045693-001B
27-49	06/01/21		ASSET	N045693	N045693-002A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
27-49	06/01/21		ASSET	N045693	N045693-002B
28-20	04/07/21		ASSET	N044889	N044889-001A
	04/07/21		ASSET	N044889	N044889-001B
28-22	04/07/21		ASSET	N044889	N044889-002A
	04/07/21		ASSET	N044889	N044889-002B
28-36	04/07/21		ASSET	N044889	N044889-004A
	04/07/21		ASSET	N044889	N044889-004B
28-40	04/07/21		ASSET	N044889	N044889-005A
	04/07/21		ASSET	N044889	N044889-005B
28-75	04/07/21		ASSET	N044889	N044889-006A
	04/07/21		ASSET	N044889	N044889-006B
28-82	04/07/21		ASSET	N044889	N044889-007A
	04/07/21		ASSET	N044889	N044889-007B
28N-04	04/12/21		ASSET	N044937	N044937-002A
	04/12/21		ASSET	N044937	N044937-002B
28N-05	04/12/21		ASSET	N044937	N044937-001A
	04/12/21		ASSET	N044937	N044937-001B
30E-12	04/06/21		ASSET	N044862	N044862-005A
	04/06/21		ASSET	N044862	N044862-005B
31E-07	04/06/21		ASSET	N044862	N044862-002A
	04/06/21		ASSET	N044862	N044862-002B
34-63	04/05/21		ASSET	N044847	N044847-006A
	04/05/21		ASSET	N044847	N044847-006B
	04/05/21	FD	ASSET	N044847	N044847-007A
	04/05/21	FD	ASSET	N044847	N044847-007B
34-77	04/05/21		ASSET	N044847	N044847-002A
	04/05/21		ASSET	N044847	N044847-002B
36-26	04/06/21		ASSET	N044862	N044862-001A
	04/06/21		ASSET	N044862	N044862-001B
36-41	04/06/21		ASSET	N044862	N044862-004A
	04/06/21		ASSET	N044862	N044862-004B
BW-01D	04/16/21		ASSET	N045019	N045019-003A
	04/16/21		ASSET	N045019	N045019-003B
BW-01S	04/16/21		ASSET	N045019	N045019-004A
	04/16/21		ASSET	N045019	N045019-004B
C-01	04/08/21		ASSET	N044901	N044901-009A
	04/08/21		ASSET	N044901	N044901-009B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
C-02	04/08/21		ASSET	N044903	N044903-012A
	04/08/21		ASSET	N044903	N044903-012B
	04/08/21		ASSET	N044903	N044903-012C
	04/08/21		ASSET	N044903	N044903-012E
	04/08/21		PACE	N044903_30424176	30424176011
C-03	04/08/21		ASSET	N044903	N044903-013A
	04/08/21		ASSET	N044903	N044903-013B
	04/08/21		ASSET	N044903	N044903-013C
	04/08/21		ASSET	N044903	N044903-013E
	04/08/21		PACE	N044903_30424176	30424176014
C-04	04/08/21		ASSET	N044901	N044901-010A
	04/08/21		ASSET	N044901	N044901-010B
	04/15/21		ASSET	N045001	N045001-006A
	04/15/21		ASSET	N045001	N045001-006B
CA-MW-107D	05/07/21		ASSET	N045319	N045319-002A
	05/07/21		ASSET	N045319	N045319-002C
CA-MW-312D	04/19/21		ASSET	N045038	N045038-006A
	04/19/21		ASSET	N045038	N045038-006D
CA-MW-313R	04/19/21		ASSET	N045038	N045038-007A
	04/19/21		ASSET	N045038	N045038-007D
CA-MW-412D	04/19/21		ASSET	N045038	N045038-001A
	04/19/21		ASSET	N045038	N045038-001D
CA-MW-412D2	04/19/21		ASSET	N045038	N045038-002A
	04/19/21		ASSET	N045038	N045038-002D
CA-MW-510D	05/03/21		ASSET	N045245	N045245-006A
	05/03/21		ASSET	N045245	N045245-006D
DW-02	04/15/21		ASSET	N045000	N045000-001A
	04/15/21		ASSET	N045000	N045000-001B
	04/15/21		ASSET	N045000	N045000-001C
	04/15/21		ASSET	N045000	N045000-001E
	04/15/21		PACE	N045000_30417545	30417545001
DW-03	04/15/21		ASSET	N045001	N045001-002A
	04/15/21		ASSET	N045001	N045001-002B
	04/15/21		ASSET	N045001	N045001-002C
	04/15/21		ASSET	N045001	N045001-002E
	04/15/21		PACE	N045001_30417539	30417539001
	04/15/21	FD	ASSET	N045001	N045001-003A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
DW-03	04/15/21	FD	ASSET	N045001	N045001-003B
	04/15/21	FD	ASSET	N045001	N045001-003C
	04/15/21	FD	ASSET	N045001	N045001-003E
	04/15/21	FD	PACE	N045001_30417539	30417539002
EX-01	04/07/21		ASSET	N044890	N044890-009A
	04/07/21		ASSET	N044890	N044890-009B
EX-02	04/07/21		ASSET	N044890	N044890-011A
	04/07/21		ASSET	N044890	N044890-011B
EX-03	04/07/21		ASSET	N044887	N044887-011A
	04/07/21		ASSET	N044887	N044887-011B
	06/03/21		ASSET	N045744	N045744-007A
	06/03/21		ASSET	N045744	N045744-007B
EX-04	04/07/21		ASSET	N044887	N044887-012A
	04/07/21		ASSET	N044887	N044887-012B
	04/07/21	FD	ASSET	N044887	N044887-013A
	04/07/21	FD	ASSET	N044887	N044887-013B
EX-05	04/07/21		ASSET	N044887	N044887-014A
	04/07/21		ASSET	N044887	N044887-014B
EX-15	05/06/21		ASSET	N045308	N045308-001A
	05/06/21		ASSET	N045308	N045308-001B
EX-16	04/07/21		ASSET	N044887	N044887-015A
	04/07/21		ASSET	N044887	N044887-015B
EX-17	04/07/21		ASSET	N044888	N044888-011A
	04/07/21		ASSET	N044888	N044888-011B
EX-20	04/07/21		ASSET	N044887	N044887-016A
	04/07/21		ASSET	N044887	N044887-016B
EX-21	04/07/21		ASSET	N044888	N044888-020A
	04/07/21		ASSET	N044888	N044888-020B
EX-22	04/08/21		ASSET	N044903	N044903-016A
	04/08/21		ASSET	N044903	N044903-016B
EX-23	04/12/21		ASSET	N044934	N044934-004A
	04/12/21		ASSET	N044934	N044934-004B
	04/12/21		ASSET	N044934	N044934-004C
	04/12/21		ASSET	N044934	N044934-004E
	04/12/21		PACE	N044934_30416465	30416465004
EX-24	04/08/21		ASSET	N044903	N044903-017A
	04/08/21		ASSET	N044903	N044903-017B

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EX-24	04/08/21		ASSET	N044903	N044903-017C
	04/08/21		ASSET	N044903	N044903-017E
	04/08/21		PACE	N044903_30424176	30424176015
EX-25	04/08/21		ASSET	N044903	N044903-018A
	04/08/21		ASSET	N044903	N044903-018B
EX-27	04/08/21		ASSET	N044903	N044903-019A
	04/08/21		ASSET	N044903	N044903-019B
	04/08/21		ASSET	N044903	N044903-019C
	04/08/21		ASSET	N044903	N044903-019E
	04/08/21		PACE	N044903_30424176	30424176016
EX-29	04/07/21		ASSET	N044890	N044890-001A
	04/07/21		ASSET	N044890	N044890-001B
EX-30	04/07/21		ASSET	N044890	N044890-003A
	04/07/21		ASSET	N044890	N044890-003B
EX-31	04/07/21		ASSET	N044887	N044887-017A
	04/07/21		ASSET	N044887	N044887-017B
	04/07/21	FD	ASSET	N044887	N044887-018A
	04/07/21	FD	ASSET	N044887	N044887-018B
EX-32	04/07/21		ASSET	N044887	N044887-019A
	04/07/21		ASSET	N044887	N044887-019B
	04/07/21		ASSET	N044887	N044887-019C
	04/07/21		ASSET	N044887	N044887-019D
	04/07/21		PACE	N044887_30415498	30415498001
EX-33	04/07/21		ASSET	N044887	N044887-020A
	04/07/21		ASSET	N044887	N044887-020B
	04/07/21		ASSET	N044887	N044887-020C
	04/07/21		ASSET	N044887	N044887-020D
	04/07/21		PACE	N044887_30415498	30415498004
	04/07/21	FD	ASSET	N044887	N044887-021A
	04/07/21	FD	ASSET	N044887	N044887-021B
	04/07/21	FD	ASSET	N044887	N044887-021C
	04/07/21	FD	ASSET	N044887	N044887-021D
	04/07/21	FD	PACE	N044887_30415498	30415498005
EX-34	04/07/21		ASSET	N044890	N044890-010A
	04/07/21		ASSET	N044890	N044890-010B
EX-35	04/08/21		ASSET	N044903	N044903-004A
	04/08/21		ASSET	N044903	N044903-004B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
EX-35	04/08/21		ASSET	N044903	N044903-004C
	04/08/21		ASSET	N044903	N044903-004E
	04/08/21		PACE	N044903_30424176	30424176004
	04/08/21	FD	ASSET	N044903	N044903-005A
	04/08/21	FD	ASSET	N044903	N044903-005B
	04/08/21	FD	ASSET	N044903	N044903-005C
	04/08/21	FD	ASSET	N044903	N044903-005E
	04/08/21	FD	PACE	N044903_30424176	30424176005
EX-36	04/06/21		ASSET	N044864	N044864-023A
	04/06/21		ASSET	N044864	N044864-023B
	06/01/21		ASSET	N045692	N045692-004A
	06/01/21		ASSET	N045692	N045692-004B
EX-37	04/07/21		ASSET	N044890	N044890-002A
	04/07/21		ASSET	N044890	N044890-002B
EX-38	04/15/21		ASSET	N045000	N045000-014A
	04/15/21		ASSET	N045000	N045000-014B
EX-39	04/13/21		ASSET	N044958	N044958-006A
	04/13/21		ASSET	N044958	N044958-006B
	04/13/21		ASSET	N044958	N044958-006C
EX-42	04/13/21		ASSET	N044958	N044958-007A
	04/13/21		ASSET	N044958	N044958-007B
	04/13/21		ASSET	N044958	N044958-007C
	04/13/21		ASSET	N044958	N044958-007E
	04/13/21		PACE	N044958_30416464	30416464002
	04/13/21	FD	ASSET	N044958	N044958-008A
	04/13/21	FD	ASSET	N044958	N044958-008B
	04/13/21	FD	ASSET	N044958	N044958-008C
	04/13/21	FD	ASSET	N044958	N044958-008E
	04/13/21	FD	PACE	N044958_30416464	30416464003
EX-50	04/13/21		ASSET	N044958	N044958-009A
	04/13/21		ASSET	N044958	N044958-009B
	04/13/21		ASSET	N044958	N044958-009C
	04/13/21		ASSET	N044958	N044958-009E
	04/13/21		PACE	N044958_30416464	30416464004
	04/13/21	FD	ASSET	N044958	N044958-010A
	04/13/21	FD	ASSET	N044958	N044958-010B
	04/13/21	FD	ASSET	N044958	N044958-010C
	04/13/21	FD	ASSET	N044958	N044958-010E

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
EX-50	04/13/21	FD	PACE	N044958_30416464	30416464005
EX-51	04/13/21		ASSET	N044958	N044958-011A
	04/13/21		ASSET	N044958	N044958-011B
	04/13/21		ASSET	N044958	N044958-011C
EX-52	04/13/21		ASSET	N044958	N044958-012A
	04/13/21		ASSET	N044958	N044958-012B
EX-53	04/08/21		ASSET	N044903	N044903-015A
	04/08/21		ASSET	N044903	N044903-015B
	04/08/21		ASSET	N044903	N044903-015C
	04/08/21		ASSET	N044903	N044903-015D
EX-55	04/15/21		ASSET	N045004	N045004-001A
	04/15/21		ASSET	N045004	N045004-001B
	04/15/21		ASSET	N045004	N045004-001C
	04/15/21		ASSET	N045004	N045004-001D
EX-56	04/15/21		ASSET	N045000	N045000-006A
	04/15/21		ASSET	N045000	N045000-006D
EX-59	04/12/21		ASSET	N044934	N044934-005A
	04/12/21		ASSET	N044934	N044934-005B
	04/12/21		ASSET	N044934	N044934-005C
	04/12/21		ASSET	N044934	N044934-005D
EX-60D	04/15/21		ASSET	N045000	N045000-007A
	04/15/21		ASSET	N045000	N045000-007B
	04/15/21		ASSET	N045000	N045000-007C
	04/15/21		ASSET	N045000	N045000-007D
EX-61D	04/15/21		ASSET	N045000	N045000-008A
	04/15/21		ASSET	N045000	N045000-008B
	04/15/21		ASSET	N045000	N045000-008C
	04/15/21		ASSET	N045000	N045000-008D
EX-62	04/08/21		ASSET	N044903	N044903-006A
	04/08/21		ASSET	N044903	N044903-006B
	04/08/21		ASSET	N044903	N044903-006C
	04/08/21		ASSET	N044903	N044903-006E
	04/08/21		PACE	N044903_30424176	30424176006
EX-63	04/15/21		ASSET	N045000	N045000-009A
	04/15/21		ASSET	N045000	N045000-009B
	04/15/21		ASSET	N045000	N045000-009C
	04/15/21		ASSET	N045000	N045000-009D

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
EX-64	04/15/21		ASSET	N045000	N045000-010A
	04/15/21		ASSET	N045000	N045000-010B
	04/15/21		ASSET	N045000	N045000-010C
	04/15/21		ASSET	N045000	N045000-010D
EX-65	04/15/21		ASSET	N045000	N045000-011A
	04/15/21		ASSET	N045000	N045000-011B
	04/15/21		ASSET	N045000	N045000-011C
	04/15/21		ASSET	N045000	N045000-011D
EX-66	05/06/21		ASSET	N045309	N045309-026A
	05/06/21		ASSET	N045309	N045309-026B
	05/06/21		ASSET	N045309	N045309-026C
	05/06/21		ASSET	N045309	N045309-026D
	05/06/21	FD	ASSET	N045309	N045309-027A
	05/06/21	FD	ASSET	N045309	N045309-027B
	05/06/21	FD	ASSET	N045309	N045309-027C
	05/06/21	FD	ASSET	N045309	N045309-027D
EX-68	04/15/21		ASSET	N045000	N045000-012A
	04/15/21		ASSET	N045000	N045000-012B
	04/15/21		ASSET	N045000	N045000-012C
	04/15/21		ASSET	N045000	N045000-012D
EX-69	04/15/21		ASSET	N045000	N045000-013A
	04/15/21		ASSET	N045000	N045000-013B
	04/15/21		ASSET	N045000	N045000-013C
	04/15/21		ASSET	N045000	N045000-013D
G-1R	04/08/21		ASSET	N044901	N044901-008A
	04/08/21		ASSET	N044901	N044901-008B
G-2R	04/08/21		ASSET	N044903	N044903-003A
	04/08/21		ASSET	N044903	N044903-003B
	04/08/21		ASSET	N044903	N044903-003C
	04/08/21		ASSET	N044903	N044903-003E
	04/08/21		PACE	N044903_30424176	30424176001
G-5R	04/07/21		ASSET	N044890	N044890-012A
	04/07/21		ASSET	N044890	N044890-012B
IW-01	04/07/21		ASSET	N044890	N044890-004A
	04/07/21		ASSET	N044890	N044890-004B
	04/07/21		ASSET	N044890	N044890-004C
	04/07/21		ASSET	N044890	N044890-004E

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
IW-01	04/07/21		PACE	N044890_30416136	30416136001
	04/07/21	FD	ASSET	N044890	N044890-005A
	04/07/21	FD	ASSET	N044890	N044890-005B
	04/07/21	FD	ASSET	N044890	N044890-005C
	04/07/21	FD	ASSET	N044890	N044890-005E
	04/07/21	FD	PACE	N044890_30416136	30416136002
IW-02	04/07/21		ASSET	N044890	N044890-006A
	04/07/21		ASSET	N044890	N044890-006B
	04/07/21		ASSET	N044890	N044890-006C
	04/07/21		ASSET	N044890	N044890-006E
	04/07/21		PACE	N044890_30416136	30416136003
	04/07/21	FD	ASSET	N044890	N044890-007A
	04/07/21	FD	ASSET	N044890	N044890-007B
	04/07/21	FD	ASSET	N044890	N044890-007C
	04/07/21	FD	ASSET	N044890	N044890-007E
	04/07/21	FD	PACE	N044890_30416136	30416136004
IW-03	04/07/21		ASSET	N044890	N044890-008A
	04/07/21		ASSET	N044890	N044890-008B
	04/07/21		ASSET	N044890	N044890-008C
	04/07/21		ASSET	N044890	N044890-008E
	04/07/21		PACE	N044890_30416136	30416136005
MW-01	04/22/21		ASSET	N045112	N045112-008A
	04/22/21		ASSET	N045112	N045112-008B
	04/22/21		ASSET	N045112	N045112-008C
	04/22/21		ASSET	N045112	N045112-008D
MW-03	04/22/21		ASSET	N045111	N045111-001A
	04/22/21		ASSET	N045111	N045111-001B
MW-04	04/19/21		ASSET	N045038	N045038-004A
	04/19/21		ASSET	N045038	N045038-004B
MW-05	04/19/21		ASSET	N045039	N045039-001A
	04/19/21		ASSET	N045039	N045039-001B
	04/19/21		ASSET	N045039	N045039-001C
MW-09	04/12/21		ASSET	N044936	N044936-015A
	04/12/21		ASSET	N044936	N044936-015B
MW-10	04/08/21		ASSET	N044901	N044901-001A
	04/08/21		ASSET	N044901	N044901-001B
MW-100C	04/15/21		ASSET	N045001	N045001-001A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-100C	04/15/21		ASSET	N045001	N045001-001B
MW-101D	04/15/21		ASSET	N045001	N045001-010A
	04/15/21		ASSET	N045001	N045001-010B
MW-102D	04/12/21		ASSET	N044936	N044936-016A
	04/12/21		ASSET	N044936	N044936-016B
MW-102S	04/12/21		ASSET	N044936	N044936-001A
	04/12/21		ASSET	N044936	N044936-001B
MW-103D	04/12/21		ASSET	N044936	N044936-010A
	04/12/21		ASSET	N044936	N044936-010B
MW-103S	04/12/21		ASSET	N044936	N044936-011A
	04/12/21		ASSET	N044936	N044936-011B
MW-104S1	04/07/21		ASSET	N044887	N044887-005A
	04/07/21		ASSET	N044887	N044887-005B
MW-105D	04/05/21		ASSET	N044846	N044846-001A
	04/05/21		ASSET	N044846	N044846-001B
	04/05/21		ASSET	N044846	N044846-001C
	04/05/21		ASSET	N044846	N044846-001E
	04/05/21		PACE	N044846_30415490	30415490001
MW-105S	04/05/21		ASSET	N044846	N044846-002A
	04/05/21		ASSET	N044846	N044846-002B
	04/05/21		ASSET	N044846	N044846-002C
	04/05/21		ASSET	N044846	N044846-002E
	04/05/21		PACE	N044846_30415490	30415490002
	04/05/21	FD	ASSET	N044846	N044846-003A
	04/05/21	FD	ASSET	N044846	N044846-003B
	04/05/21	FD	ASSET	N044846	N044846-003C
	04/05/21	FD	ASSET	N044846	N044846-003E
	04/05/21	FD	PACE	N044846_30415490	30415490003
	06/03/21		ASSET	N045744	N045744-001A
	06/03/21		ASSET	N045744	N045744-001B
MW-106D	04/07/21		ASSET	N044887	N044887-006A
	04/07/21		ASSET	N044887	N044887-006B
	04/07/21		ASSET	N044887	N044887-006C
MW-106S	04/07/21		ASSET	N044887	N044887-007A
	04/07/21		ASSET	N044887	N044887-007B
	04/07/21		ASSET	N044887	N044887-007C
	04/07/21		ASSET	N044887	N044887-007D

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-106S	04/07/21	FD	ASSET	N044887	N044887-008A
	04/07/21	FD	ASSET	N044887	N044887-008B
	04/07/21	FD	ASSET	N044887	N044887-008C
	04/07/21	FD	ASSET	N044887	N044887-008D
MW-107S	04/14/21		ASSET	N044983	N044983-001A
	04/14/21		ASSET	N044983	N044983-001B
MW-108D	04/13/21		ASSET	N044959	N044959-020A
	04/13/21		ASSET	N044959	N044959-020B
MW-109	04/13/21		ASSET	N044959	N044959-018A
	04/13/21		ASSET	N044959	N044959-018B
MW-110D	04/13/21		ASSET	N044959	N044959-007A
	04/13/21		ASSET	N044959	N044959-007B
	04/13/21	FD	ASSET	N044959	N044959-008A
	04/13/21	FD	ASSET	N044959	N044959-008B
MW-110S	04/13/21		ASSET	N044959	N044959-006A
	04/13/21		ASSET	N044959	N044959-006B
	06/03/21		ASSET	N045744	N045744-002A
	06/03/21		ASSET	N045744	N045744-002B
MW-111D	04/05/21		ASSET	N044844	N044844-014A
	04/05/21		ASSET	N044844	N044844-014B
	04/05/21		ASSET	N044844	N044844-014C
MW-111S1	04/05/21		ASSET	N044844	N044844-015A
	04/05/21		ASSET	N044844	N044844-015B
	04/05/21		ASSET	N044844	N044844-015C
	04/05/21		ASSET	N044844	N044844-015D
MW-111S2	04/05/21		ASSET	N044844	N044844-016A
	04/05/21		ASSET	N044844	N044844-016B
	04/05/21		ASSET	N044844	N044844-016C
MW-112D	04/12/21		ASSET	N044936	N044936-003A
	04/12/21		ASSET	N044936	N044936-003B
MW-112S	04/12/21		ASSET	N044936	N044936-020A
	04/12/21		ASSET	N044936	N044936-020B
MW-113S1	04/05/21		ASSET	N044844	N044844-017A
	04/05/21		ASSET	N044844	N044844-017B
MW-114D1	04/14/21		ASSET	N044982	N044982-001A
	04/14/21		ASSET	N044982	N044982-001B
MW-114D2	04/14/21		ASSET	N044982	N044982-002A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-114D2	04/14/21		ASSET	N044982	N044982-002B
MW-114S	04/14/21		ASSET	N044982	N044982-003A
	04/14/21		ASSET	N044982	N044982-003B
MW-115D	04/14/21		ASSET	N044982	N044982-004A
	04/14/21		ASSET	N044982	N044982-004B
MW-115S	04/14/21		ASSET	N044982	N044982-005A
	04/14/21		ASSET	N044982	N044982-005B
MW-116D1	04/12/21		ASSET	N044936	N044936-022A
	04/12/21		ASSET	N044936	N044936-022B
MW-116D2	04/12/21		ASSET	N044936	N044936-005A
	04/12/21		ASSET	N044936	N044936-005B
MW-116S	04/12/21		ASSET	N044936	N044936-006A
	04/12/21		ASSET	N044936	N044936-006B
	04/12/21	FD	ASSET	N044936	N044936-007A
	04/12/21	FD	ASSET	N044936	N044936-007B
MW-117S1	04/08/21		ASSET	N044901	N044901-015A
	04/08/21		ASSET	N044901	N044901-015B
MW-118S	04/08/21		ASSET	N044901	N044901-006A
	04/08/21		ASSET	N044901	N044901-006B
MW-11B	04/20/21		ASSET	N045055	N045055-002A
	04/20/21		ASSET	N045055	N045055-002B
	04/20/21		ASSET	N045055	N045055-002C
	04/20/21		ASSET	N045055	N045055-002D
MW-121D	04/06/21		ASSET	N044864	N044864-024A
	04/06/21		ASSET	N044864	N044864-024B
	06/01/21		ASSET	N045692	N045692-001A
	06/01/21		ASSET	N045692	N045692-001B
MW-121S	04/06/21		ASSET	N044864	N044864-025A
	04/06/21		ASSET	N044864	N044864-025B
MW-122D	04/15/21		ASSET	N045001	N045001-011A
	04/15/21		ASSET	N045001	N045001-011B
MW-123S1	04/05/21		ASSET	N044844	N044844-011A
	04/05/21		ASSET	N044844	N044844-011B
	04/05/21		ASSET	N044844	N044844-011C
MW-123S2	04/05/21		ASSET	N044844	N044844-012A
	04/05/21		ASSET	N044844	N044844-012B
	04/05/21		ASSET	N044844	N044844-012C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-123S2	04/05/21		ASSET	N044844	N044844-012D
	04/05/21	FD	ASSET	N044844	N044844-013A
	04/05/21	FD	ASSET	N044844	N044844-013B
	04/05/21	FD	ASSET	N044844	N044844-013C
	04/05/21	FD	ASSET	N044844	N044844-013D
	06/02/21		ASSET	N045714	N045714-006A
	06/02/21		ASSET	N045714	N045714-006B
MW-124D	04/07/21		ASSET	N044888	N044888-003A
	04/07/21		ASSET	N044888	N044888-003B
	04/07/21		ASSET	N044888	N044888-003C
	04/07/21		ASSET	N044888	N044888-003D
MW-124S1	04/07/21		ASSET	N044888	N044888-004A
	04/07/21		ASSET	N044888	N044888-004B
	04/07/21		ASSET	N044888	N044888-004C
	04/07/21		ASSET	N044888	N044888-004D
	04/07/21	FD	ASSET	N044888	N044888-005A
	04/07/21	FD	ASSET	N044888	N044888-005B
	04/07/21	FD	ASSET	N044888	N044888-005C
	04/07/21	FD	ASSET	N044888	N044888-005D
	06/02/21		ASSET	N045714	N045714-005A
	06/02/21		ASSET	N045714	N045714-005B
MW-124S2	04/07/21		ASSET	N044888	N044888-006A
	04/07/21		ASSET	N044888	N044888-006B
	04/07/21		ASSET	N044888	N044888-006C
	04/07/21		ASSET	N044888	N044888-006D
MW-125S1	04/07/21		ASSET	N044888	N044888-007A
	04/07/21		ASSET	N044888	N044888-007B
	04/07/21		ASSET	N044888	N044888-007C
	04/07/21		ASSET	N044888	N044888-007E
	04/07/21		PACE	N044888_30415493	30415493001
	04/07/21	FD	ASSET	N044888	N044888-008A
	04/07/21	FD	ASSET	N044888	N044888-008B
	04/07/21	FD	ASSET	N044888	N044888-008C
	04/07/21	FD	ASSET	N044888	N044888-008E
	04/07/21	FD	PACE	N044888_30415493	30415493002
MW-125S2	04/07/21		ASSET	N044888	N044888-009A
	04/07/21		ASSET	N044888	N044888-009B
	04/07/21		ASSET	N044888	N044888-009C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-126S1	04/08/21		ASSET	N044901	N044901-016A
	04/08/21		ASSET	N044901	N044901-016B
	04/08/21		ASSET	N044901	N044901-016C
	04/08/21		ASSET	N044901	N044901-016E
	04/08/21		PACE	N044901_30416119	30416119001
	04/08/21	FD	ASSET	N044901	N044901-017A
	04/08/21	FD	ASSET	N044901	N044901-017B
	04/08/21	FD	ASSET	N044901	N044901-017C
	04/08/21	FD	ASSET	N044901	N044901-017E
	04/08/21	FD	PACE	N044901_30416119	30416119002
MW-126S2	04/08/21		ASSET	N044901	N044901-018A
	04/08/21		ASSET	N044901	N044901-018B
	04/08/21		ASSET	N044901	N044901-018C
	04/08/21		ASSET	N044901	N044901-018E
	04/08/21		PACE	N044901_30416119	30416119003
	04/08/21	FD	ASSET	N044901	N044901-019A
	04/08/21	FD	ASSET	N044901	N044901-019B
	04/08/21	FD	ASSET	N044901	N044901-019C
	04/08/21	FD	ASSET	N044901	N044901-019E
	04/08/21	FD	PACE	N044901_30416119	30416119004
	06/02/21		ASSET	N045714	N045714-007A
	06/02/21		ASSET	N045714	N045714-007B
MW-127S1	04/08/21		ASSET	N044903	N044903-010A
	04/08/21		ASSET	N044903	N044903-010B
	04/08/21		ASSET	N044903	N044903-010C
	04/08/21		ASSET	N044903	N044903-010E
	04/08/21		PACE	N044903_30424176	30424176009
MW-127S2	04/08/21		ASSET	N044903	N044903-011A
	04/08/21		ASSET	N044903	N044903-011B
	04/08/21		ASSET	N044903	N044903-011C
	04/08/21		ASSET	N044903	N044903-011E
	04/08/21		PACE	N044903_30424176	30424176010
MW-128S1	04/05/21		ASSET	N044844	N044844-008A
	04/05/21		ASSET	N044844	N044844-008B
MW-128S2	04/05/21		ASSET	N044844	N044844-009A
	04/05/21		ASSET	N044844	N044844-009B
	06/03/21		ASSET	N045744	N045744-003A
	06/03/21		ASSET	N045744	N045744-003B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-128S3	04/05/21		ASSET	N044844	N044844-010A
	04/05/21		ASSET	N044844	N044844-010B
MW-130S2	04/06/21		ASSET	N044864	N044864-016A
	04/06/21		ASSET	N044864	N044864-016B
MW-131S1	04/06/21		ASSET	N044864	N044864-017A
	04/06/21		ASSET	N044864	N044864-017B
	06/02/21		ASSET	N045714	N045714-008A
	06/02/21		ASSET	N045714	N045714-008B
MW-133S1	04/19/21		ASSET	N045039	N045039-002A
	04/19/21		ASSET	N045039	N045039-002B
MW-136S1	04/05/21		ASSET	N044844	N044844-007A
	04/05/21		ASSET	N044844	N044844-007B
MW-137S3	04/08/21		ASSET	N044901	N044901-023A
	04/08/21		ASSET	N044901	N044901-023B
MW-138S1	04/12/21		ASSET	N044936	N044936-014A
	04/12/21		ASSET	N044936	N044936-014B
MW-139S1	04/07/21		ASSET	N044887	N044887-001A
	04/07/21		ASSET	N044887	N044887-001B
MW-140S1	04/07/21		ASSET	N044887	N044887-002A
	04/07/21		ASSET	N044887	N044887-002B
MW-141S2	04/07/21		ASSET	N044887	N044887-003A
	04/07/21		ASSET	N044887	N044887-003B
MW-142S2	04/07/21		ASSET	N044887	N044887-004A
	04/07/21		ASSET	N044887	N044887-004B
MW-143D1	04/12/21		ASSET	N044936	N044936-008A
	04/12/21		ASSET	N044936	N044936-008B
MW-143D2	04/12/21		ASSET	N044936	N044936-009A
	04/12/21		ASSET	N044936	N044936-009B
MW-144D1	04/12/21		ASSET	N044936	N044936-012A
	04/12/21		ASSET	N044936	N044936-012B
MW-144D2	04/12/21		ASSET	N044936	N044936-013A
	04/12/21		ASSET	N044936	N044936-013B
MW-145D1	04/14/21		ASSET	N044982	N044982-014A
	04/14/21		ASSET	N044982	N044982-014B
	04/14/21	FD	ASSET	N044982	N044982-015A
	04/14/21	FD	ASSET	N044982	N044982-015B
MW-145D2	04/14/21		ASSET	N044982	N044982-016A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-145D2	04/14/21		ASSET	N044982	N044982-016B
MW-146D1	04/14/21		ASSET	N044982	N044982-017A
	04/14/21		ASSET	N044982	N044982-017B
MW-146D2	04/14/21		ASSET	N044982	N044982-018A
	04/14/21		ASSET	N044982	N044982-018B
MW-147D	04/12/21		ASSET	N044936	N044936-018A
	04/12/21		ASSET	N044936	N044936-018B
MW-147S	04/12/21		ASSET	N044936	N044936-019A
	04/12/21		ASSET	N044936	N044936-019B
MW-148S	04/13/21		ASSET	N044959	N044959-001A
	04/13/21		ASSET	N044959	N044959-001B
MW-14B	04/13/21		ASSET	N044958	N044958-014A
	04/13/21		ASSET	N044958	N044958-014B
	04/13/21		ASSET	N044958	N044958-014C
	04/13/21		ASSET	N044958	N044958-014E
	04/13/21		PACE	N044958_30416464	30416464006
MW-15	04/22/21		ASSET	N045112	N045112-006A
	04/22/21		ASSET	N045112	N045112-006B
	04/22/21		ASSET	N045112	N045112-006C
	04/22/21		ASSET	N045112	N045112-006D
MW-151D1	04/13/21		ASSET	N044959	N044959-012A
	04/13/21		ASSET	N044959	N044959-012B
MW-151D2	04/13/21		ASSET	N044959	N044959-013A
	04/13/21		ASSET	N044959	N044959-013B
MW-151S	04/13/21		ASSET	N044959	N044959-014A
	04/13/21		ASSET	N044959	N044959-014B
MW-152D1	04/14/21		ASSET	N044982	N044982-011A
	04/14/21		ASSET	N044982	N044982-011B
MW-152D2	04/14/21		ASSET	N044982	N044982-012A
	04/14/21		ASSET	N044982	N044982-012B
MW-152S	04/14/21		ASSET	N044982	N044982-013A
	04/14/21		ASSET	N044982	N044982-013B
MW-153S	04/06/21		ASSET	N044864	N044864-022A
	04/06/21		ASSET	N044864	N044864-022B
	06/01/21		ASSET	N045692	N045692-003A
	06/01/21		ASSET	N045692	N045692-003B
MW-154S1	04/19/21		ASSET	N045039	N045039-003A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-154S1	04/19/21		ASSET	N045039	N045039-003B
MW-155D	04/16/21		ASSET	N045020	N045020-013A
	04/16/21		ASSET	N045020	N045020-013B
	04/16/21		ASSET	N045020	N045020-013C
	04/16/21		ASSET	N045020	N045020-013D
MW-155S	04/16/21		ASSET	N045020	N045020-014A
	04/16/21		ASSET	N045020	N045020-014B
	04/16/21		ASSET	N045020	N045020-014C
	04/16/21		ASSET	N045020	N045020-014D
MW-156S	04/05/21		ASSET	N044844	N044844-001A
	04/05/21		ASSET	N044844	N044844-001B
MW-157S	04/05/21		ASSET	N044844	N044844-002A
	04/05/21		ASSET	N044844	N044844-002B
	06/01/21		ASSET	N045692	N045692-002A
	06/01/21		ASSET	N045692	N045692-002B
MW-16	04/12/21		ASSET	N044935	N044935-007A
	04/12/21		ASSET	N044935	N044935-007B
	04/12/21		ASSET	N044935	N044935-007C
	04/12/21		ASSET	N044935	N044935-007E
	04/12/21		PACE	N044935_30416467	30416467001
MW-161S2	04/06/21		ASSET	N044864	N044864-008A
	04/06/21		ASSET	N044864	N044864-008B
MW-162S1	04/06/21		ASSET	N044864	N044864-009A
	04/06/21		ASSET	N044864	N044864-009B
MW-164D	04/06/21		ASSET	N044864	N044864-001A
	04/06/21		ASSET	N044864	N044864-001B
MW-164S	04/06/21		ASSET	N044864	N044864-002A
	04/06/21		ASSET	N044864	N044864-002B
MW-166S1	04/07/21		ASSET	N044888	N044888-001A
	04/07/21		ASSET	N044888	N044888-001B
MW-168S	04/13/21		ASSET	N044959	N044959-002A
	04/13/21		ASSET	N044959	N044959-002B
MW-169S2	04/13/21		ASSET	N044959	N044959-003A
	04/13/21		ASSET	N044959	N044959-003B
MW-17	04/22/21		ASSET	N045112	N045112-010A
	04/22/21		ASSET	N045112	N045112-010B
	04/22/21		ASSET	N045112	N045112-010C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-17	04/22/21		ASSET	N045112	N045112-010D
MW-170S	04/14/21		ASSET	N044981	N044981-004A
	04/14/21		ASSET	N044981	N044981-004B
	04/14/21		ASSET	N044981	N044981-004C
	04/14/21		ASSET	N044981	N044981-004E
	04/14/21		PACE	N044981_30417544	30417544004
MW-171S	04/08/21		ASSET	N044901	N044901-012A
	04/08/21		ASSET	N044901	N044901-012B
MW-172S1	04/08/21		ASSET	N044901	N044901-013A
	04/08/21		ASSET	N044901	N044901-013B
	06/03/21		ASSET	N045744	N045744-005A
	06/03/21		ASSET	N045744	N045744-005B
MW-172S2	04/08/21		ASSET	N044901	N044901-014A
	04/08/21		ASSET	N044901	N044901-014B
MW-173S1	04/06/21		ASSET	N044864	N044864-019A
	04/06/21		ASSET	N044864	N044864-019B
MW-174S1	04/06/21		ASSET	N044864	N044864-018A
	04/06/21		ASSET	N044864	N044864-018B
	06/02/21		ASSET	N045714	N045714-004A
	06/02/21		ASSET	N045714	N045714-004B
MW-175S1	04/14/21		ASSET	N044982	N044982-019A
	04/14/21		ASSET	N044982	N044982-019B
MW-176S	04/13/21		ASSET	N044959	N044959-004A
	04/13/21		ASSET	N044959	N044959-004B
MW-177D	04/16/21		ASSET	N045020	N045020-016A
	04/16/21		ASSET	N045020	N045020-016B
	04/16/21		ASSET	N045020	N045020-016C
	04/16/21		ASSET	N045020	N045020-016D
MW-177S	04/16/21		ASSET	N045020	N045020-017A
	04/16/21		ASSET	N045020	N045020-017B
	04/16/21		ASSET	N045020	N045020-017C
	04/16/21		ASSET	N045020	N045020-017D
MW-178D	04/16/21		ASSET	N045020	N045020-018A
	04/16/21		ASSET	N045020	N045020-018B
	04/16/21		ASSET	N045020	N045020-018C
	04/16/21		ASSET	N045020	N045020-018D
	04/16/21	FD	ASSET	N045020	N045020-019A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-178D	04/16/21	FD	ASSET	N045020	N045020-019B
	04/16/21	FD	ASSET	N045020	N045020-019C
	04/16/21	FD	ASSET	N045020	N045020-019D
MW-178S	04/16/21		ASSET	N045020	N045020-020A
	04/16/21		ASSET	N045020	N045020-020B
	04/16/21		ASSET	N045020	N045020-020C
	04/16/21		ASSET	N045020	N045020-020E
	04/16/21		ASSET	N045020	N045020-020F
	04/16/21		PACE	N045020_30417541	30417541001
	04/16/21	FD	ASSET	N045020	N045020-021A
	04/16/21	FD	ASSET	N045020	N045020-021B
	04/16/21	FD	ASSET	N045020	N045020-021C
	04/16/21	FD	ASSET	N045020	N045020-021E
	04/16/21	FD	ASSET	N045020	N045020-021F
	04/16/21	FD	PACE	N045020_30417541	30417541002
MW-179D	04/12/21		ASSET	N044935	N044935-001A
	04/12/21		ASSET	N044935	N044935-001B
	04/12/21		ASSET	N044935	N044935-001C
	04/12/21		ASSET	N044935	N044935-001D
MW-179M	04/12/21		ASSET	N044935	N044935-002A
	04/12/21		ASSET	N044935	N044935-002B
MW-180RD	04/12/21		ASSET	N044935	N044935-004A
	04/12/21		ASSET	N044935	N044935-004B
	04/12/21		ASSET	N044935	N044935-004C
	04/12/21		ASSET	N044935	N044935-004D
MW-180RS	04/12/21		ASSET	N044935	N044935-005A
	04/12/21		ASSET	N044935	N044935-005B
	04/12/21		ASSET	N044935	N044935-005C
	04/12/21		ASSET	N044935	N044935-005D
	04/12/21	FD	ASSET	N044935	N044935-006A
	04/12/21	FD	ASSET	N044935	N044935-006B
	04/12/21	FD	ASSET	N044935	N044935-006C
	04/12/21	FD	ASSET	N044935	N044935-006D
MW-182D	05/03/21		ASSET	N045245	N045245-001A
	05/03/21		ASSET	N045245	N045245-001B
	05/03/21		ASSET	N045245	N045245-001C
	05/03/21		ASSET	N045245	N045245-001D
MW-183D	05/03/21		ASSET	N045245	N045245-002A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-183D	05/03/21		ASSET	N045245	N045245-002B
	05/03/21		ASSET	N045245	N045245-002C
	05/03/21		ASSET	N045245	N045245-002D
	05/03/21	FD	ASSET	N045245	N045245-003A
	05/03/21	FD	ASSET	N045245	N045245-003B
	05/03/21	FD	ASSET	N045245	N045245-003C
	05/03/21	FD	ASSET	N045245	N045245-003D
MW-184S2	04/06/21		ASSET	N044864	N044864-011A
	04/06/21		ASSET	N044864	N044864-011B
	06/02/21		ASSET	N045714	N045714-001A
	06/02/21		ASSET	N045714	N045714-001B
MW-185S3	04/06/21		ASSET	N044864	N044864-005A
	04/06/21		ASSET	N044864	N044864-005B
MW-186S2	04/06/21		ASSET	N044864	N044864-013A
	04/06/21		ASSET	N044864	N044864-013B
	06/02/21		ASSET	N045714	N045714-002A
	06/02/21		ASSET	N045714	N045714-002B
MW-187D2	04/13/21		ASSET	N044959	N044959-005A
	04/13/21		ASSET	N044959	N044959-005B
MW-188S1	04/06/21		ASSET	N044864	N044864-006A
	04/06/21		ASSET	N044864	N044864-006B
MW-189D2	04/23/21		ASSET	N045127	N045127-001A
	04/23/21		ASSET	N045127	N045127-001B
MW-189D3	04/23/21		ASSET	N045127	N045127-002A
	04/23/21		ASSET	N045127	N045127-002B
MW-190D1	04/13/21		ASSET	N044959	N044959-015A
	04/13/21		ASSET	N044959	N044959-015B
MW-190D2	04/13/21		ASSET	N044959	N044959-016A
	04/13/21		ASSET	N044959	N044959-016B
MW-190S1	04/13/21		ASSET	N044959	N044959-017A
	04/13/21		ASSET	N044959	N044959-017B
MW-191D2	04/05/21		ASSET	N044844	N044844-018A
	04/05/21		ASSET	N044844	N044844-018B
MW-191D3	04/05/21		ASSET	N044844	N044844-019A
	04/05/21		ASSET	N044844	N044844-019B
MW-192D	04/14/21		ASSET	N044982	N044982-006A
	04/14/21		ASSET	N044982	N044982-006B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-192D	04/14/21	FD	ASSET	N044982	N044982-007A
	04/14/21	FD	ASSET	N044982	N044982-007B
MW-193S1	04/06/21		ASSET	N044864	N044864-007A
	04/06/21		ASSET	N044864	N044864-007B
MW-194S1	04/06/21		ASSET	N044864	N044864-014A
	04/06/21		ASSET	N044864	N044864-014B
	06/02/21		ASSET	N045714	N045714-003A
	06/02/21		ASSET	N045714	N045714-003B
MW-195S1	04/06/21		ASSET	N044864	N044864-015A
	04/06/21		ASSET	N044864	N044864-015B
MW-196S1	04/06/21		ASSET	N044864	N044864-004A
	04/06/21		ASSET	N044864	N044864-004B
MW-197S1	04/07/21		ASSET	N044888	N044888-002A
	04/07/21		ASSET	N044888	N044888-002B
MW-199D1	04/13/21		ASSET	N044959	N044959-009A
	04/13/21		ASSET	N044959	N044959-009B
MW-199D2	04/13/21		ASSET	N044959	N044959-010A
	04/13/21		ASSET	N044959	N044959-010B
MW-199S1	04/13/21		ASSET	N044959	N044959-011A
	04/13/21		ASSET	N044959	N044959-011B
MW-20	04/22/21		ASSET	N045112	N045112-007A
	04/22/21		ASSET	N045112	N045112-007B
	04/22/21		ASSET	N045112	N045112-007C
	04/22/21		ASSET	N045112	N045112-007D
MW-200S3	04/14/21		ASSET	N044982	N044982-020A
	04/14/21		ASSET	N044982	N044982-020B
MW-201S	04/06/21		ASSET	N044864	N044864-020A
	04/06/21		ASSET	N044864	N044864-020B
MW-202S	04/06/21		ASSET	N044864	N044864-021A
	04/06/21		ASSET	N044864	N044864-021B
	06/04/21		ASSET	N045761	N045761-002A
	06/04/21		ASSET	N045761	N045761-002B
MW-203D	04/06/21		ASSET	N044864	N044864-003A
	04/06/21		ASSET	N044864	N044864-003B
MW-205S2	04/06/21		ASSET	N044864	N044864-012A
	04/06/21		ASSET	N044864	N044864-012B
MW-206S	04/09/21		ASSET	N044917	N044917-009A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-206S	04/09/21		ASSET	N044917	N044917-009B
	04/09/21		ASSET	N044917	N044917-009C
	04/09/21		ASSET	N044917	N044917-009E
	04/09/21		PACE	N044917_30416120	30416120009
MW-207S1	04/08/21		ASSET	N044901	N044901-002A
MW-207S2	04/08/21		ASSET	N044901	N044901-003A
	04/08/21		ASSET	N044901	N044901-003B
MW-208S	04/15/21		ASSET	N045000	N045000-018A
	04/15/21		ASSET	N045000	N045000-018B
	04/15/21		ASSET	N045000	N045000-018C
	04/15/21		ASSET	N045000	N045000-018E
	04/15/21		PACE	N045000_30417545	30417545006
MW-209S	04/15/21		ASSET	N045000	N045000-019A
	04/15/21		ASSET	N045000	N045000-019B
	04/15/21		ASSET	N045000	N045000-019C
	04/15/21		ASSET	N045000	N045000-019E
	04/15/21		PACE	N045000_30417545	30417545007
	04/15/21	FD	ASSET	N045000	N045000-020A
	04/15/21	FD	ASSET	N045000	N045000-020B
	04/15/21	FD	ASSET	N045000	N045000-020C
	04/15/21	FD	ASSET	N045000	N045000-020E
	04/15/21	FD	PACE	N045000_30417545	30417545008
MW-210S	04/15/21		ASSET	N045000	N045000-022A
	04/15/21		ASSET	N045000	N045000-022B
	04/15/21		ASSET	N045000	N045000-022C
	04/15/21		ASSET	N045000	N045000-022E
	04/15/21		PACE	N045000_30417545	30417545010
	04/15/21	FD	ASSET	N045000	N045000-023A
	04/15/21	FD	ASSET	N045000	N045000-023B
	04/15/21	FD	ASSET	N045000	N045000-023C
	04/15/21	FD	ASSET	N045000	N045000-023E
	04/15/21	FD	PACE	N045000_30417545	30417545011
MW-211S	04/15/21		ASSET	N045000	N045000-021A
	04/15/21		ASSET	N045000	N045000-021B
	04/15/21		ASSET	N045000	N045000-021C
	04/15/21		ASSET	N045000	N045000-021E
	04/15/21		PACE	N045000_30417545	30417545009
MW-212S1	04/06/21		ASSET	N044864	N044864-010A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-212S1	04/06/21		ASSET	N044864	N044864-010B
MW-213D	04/06/21		ASSET	N044868	N044868-001A
	04/06/21		ASSET	N044868	N044868-001B
MW-213S	04/06/21		ASSET	N044868	N044868-002A
	04/06/21		ASSET	N044868	N044868-002B
MW-214D	04/06/21		ASSET	N044868	N044868-003A
	04/06/21		ASSET	N044868	N044868-003B
MW-214S	04/06/21		ASSET	N044868	N044868-004A
	04/06/21		ASSET	N044868	N044868-004B
MW-215D	04/06/21		ASSET	N044868	N044868-005A
	04/06/21		ASSET	N044868	N044868-005B
MW-215S	04/06/21		ASSET	N044868	N044868-006A
	04/06/21		ASSET	N044868	N044868-006B
MW-216D	04/06/21		ASSET	N044868	N044868-007A
	04/06/21		ASSET	N044868	N044868-007B
MW-217D	04/22/21		ASSET	N045111	N045111-002A
	04/22/21		ASSET	N045111	N045111-002B
	04/22/21		ASSET	N045111	N045111-002C
MW-217S	04/22/21		ASSET	N045111	N045111-003A
	04/22/21		ASSET	N045111	N045111-003B
MW-218D	04/16/21		ASSET	N045019	N045019-001A
	04/16/21		ASSET	N045019	N045019-001B
MW-218S	04/16/21		ASSET	N045019	N045019-002A
	04/16/21		ASSET	N045019	N045019-002B
MW-219S1	04/14/21		ASSET	N044982	N044982-021A
	04/14/21		ASSET	N044982	N044982-021B
MW-21A	04/09/21		ASSET	N044917	N044917-010A
	04/09/21		ASSET	N044917	N044917-010B
	04/09/21		ASSET	N044917	N044917-010C
	04/09/21		ASSET	N044917	N044917-010E
	04/09/21		PACE	N044917_30416120	30416120010
MW-21B1	04/09/21		ASSET	N044917	N044917-011A
	04/09/21		ASSET	N044917	N044917-011B
	04/09/21		ASSET	N044917	N044917-011C
	04/09/21		ASSET	N044917	N044917-011E
	04/09/21		PACE	N044917_30416120	30416120011
MW-21C	04/09/21		ASSET	N044916	N044916-003A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-21C	04/09/21		ASSET	N044916	N044916-003B
MW-220D	04/05/21		ASSET	N044844	N044844-003A
	04/05/21		ASSET	N044844	N044844-003B
	04/05/21		ASSET	N044844	N044844-003C
	04/05/21		ASSET	N044844	N044844-003D
	04/05/21	FD	ASSET	N044844	N044844-004A
	04/05/21	FD	ASSET	N044844	N044844-004B
	04/05/21	FD	ASSET	N044844	N044844-004C
	04/05/21	FD	ASSET	N044844	N044844-004D
MW-220S	04/05/21		ASSET	N044844	N044844-005A
	04/05/21		ASSET	N044844	N044844-005B
	04/05/21		ASSET	N044844	N044844-005C
	04/05/21		ASSET	N044844	N044844-005D
	04/05/21	FD	ASSET	N044844	N044844-006A
	04/05/21	FD	ASSET	N044844	N044844-006B
	04/05/21	FD	ASSET	N044844	N044844-006C
	04/05/21	FD	ASSET	N044844	N044844-006D
MW-221S	04/08/21		ASSET	N044901	N044901-020A
	04/08/21		ASSET	N044901	N044901-020B
MW-226S	04/07/21		ASSET	N044887	N044887-009A
	04/07/21		ASSET	N044887	N044887-009B
MW-22B	04/12/21		ASSET	N044934	N044934-003A
	04/12/21		ASSET	N044934	N044934-003B
	04/12/21		ASSET	N044934	N044934-003C
	04/12/21		ASSET	N044934	N044934-003E
	04/12/21		PACE	N044934_30416465	30416465003
MW-23B	04/14/21		ASSET	N044982	N044982-022A
	04/14/21		ASSET	N044982	N044982-022B
MW-23C	04/14/21		ASSET	N044982	N044982-023A
	04/14/21		ASSET	N044982	N044982-023B
MW-27A	04/14/21		ASSET	N044981	N044981-006A
	04/14/21		ASSET	N044981	N044981-006B
	04/14/21		ASSET	N044981	N044981-006C
	04/14/21		ASSET	N044981	N044981-006E
	04/14/21		PACE	N044981_30417544	30417544006
MW-27B	04/14/21		ASSET	N044981	N044981-007A
	04/14/21		ASSET	N044981	N044981-007B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-27B	04/14/21		ASSET	N044981	N044981-007C
	04/14/21		ASSET	N044981	N044981-007E
	04/14/21		PACE	N044981_30417544	30417544007
MW-28B	04/13/21		ASSET	N044958	N044958-001A
	04/13/21		ASSET	N044958	N044958-001B
	04/13/21		ASSET	N044958	N044958-001C
	04/13/21		ASSET	N044958	N044958-001E
	04/13/21		PACE	N044958_30416464	30416464001
MW-28C	04/13/21		ASSET	N044959	N044959-021A
	04/13/21		ASSET	N044959	N044959-021B
MW-29	04/14/21		ASSET	N044981	N044981-005A
	04/14/21		ASSET	N044981	N044981-005B
	04/14/21		ASSET	N044981	N044981-005C
	04/14/21		ASSET	N044981	N044981-005E
	04/14/21		PACE	N044981_30417544	30417544005
MW-30B2	04/14/21		ASSET	N044983	N044983-009A
	04/14/21		ASSET	N044983	N044983-009B
MW-31	04/08/21		ASSET	N044903	N044903-022A
	04/08/21		ASSET	N044903	N044903-022B
	04/08/21		ASSET	N044903	N044903-022C
	04/08/21		ASSET	N044903	N044903-022E
	04/08/21		PACE	N044903_30424176	30424176019
MW-31C	04/08/21		ASSET	N044901	N044901-022A
	04/08/21		ASSET	N044901	N044901-022B
MW-32B1	04/09/21		ASSET	N044917	N044917-007A
	04/09/21		ASSET	N044917	N044917-007B
	04/09/21		ASSET	N044917	N044917-007C
	04/09/21		ASSET	N044917	N044917-007E
	04/09/21		PACE	N044917_30416120	30416120007
MW-32S	04/09/21		ASSET	N044917	N044917-008A
	04/09/21		ASSET	N044917	N044917-008B
	04/09/21		ASSET	N044917	N044917-008C
	04/09/21		ASSET	N044917	N044917-008E
	04/09/21		PACE	N044917_30416120	30416120008
MW-34	04/14/21		ASSET	N044983	N044983-004A
	04/14/21		ASSET	N044983	N044983-004B
MW-36	04/16/21		ASSET	N045020	N045020-015A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-36	04/16/21		ASSET	N045020	N045020-015B
	04/16/21		ASSET	N045020	N045020-015C
	04/16/21		ASSET	N045020	N045020-015D
MW-37	04/16/21		ASSET	N045020	N045020-022A
	04/16/21		ASSET	N045020	N045020-022B
	04/16/21		ASSET	N045020	N045020-022C
	04/16/21		ASSET	N045020	N045020-022D
MW-38B	05/06/21		ASSET	N045309	N045309-010A
	05/06/21		ASSET	N045309	N045309-010B
	05/06/21		ASSET	N045309	N045309-010C
	05/06/21		ASSET	N045309	N045309-010D
MW-39	04/22/21		ASSET	N045112	N045112-004A
	04/22/21		ASSET	N045112	N045112-004B
	04/22/21		ASSET	N045112	N045112-004C
	04/22/21		ASSET	N045112	N045112-004D
MW-39D	04/22/21		ASSET	N045112	N045112-005A
	04/22/21		ASSET	N045112	N045112-005B
	04/22/21		ASSET	N045112	N045112-005C
	04/22/21		ASSET	N045112	N045112-005D
MW-41S	04/14/21		ASSET	N044983	N044983-007A
	04/14/21		ASSET	N044983	N044983-007B
MW-42B1	04/08/21		ASSET	N044903	N044903-020A
	04/08/21		ASSET	N044903	N044903-020B
	04/08/21		ASSET	N044903	N044903-020C
	04/08/21		ASSET	N044903	N044903-020E
	04/08/21		PACE	N044903_30424176	30424176017
MW-42B2	04/08/21		ASSET	N044903	N044903-021A
	04/08/21		ASSET	N044903	N044903-021B
	04/08/21		ASSET	N044903	N044903-021C
	04/08/21		ASSET	N044903	N044903-021E
	04/08/21		PACE	N044903_30424176	30424176018
MW-42C	04/08/21		ASSET	N044901	N044901-021A
	04/08/21		ASSET	N044901	N044901-021B
MW-43	04/08/21		ASSET	N044901	N044901-011A
	04/08/21		ASSET	N044901	N044901-011B
MW-44B	04/15/21		ASSET	N045001	N045001-014A
	04/15/21		ASSET	N045001	N045001-014B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-45A	04/07/21		ASSET	N044888	N044888-012A
	04/07/21		ASSET	N044888	N044888-012B
MW-45B	04/07/21		ASSET	N044888	N044888-013A
	04/07/21		ASSET	N044888	N044888-013B
MW-46M	04/12/21		ASSET	N044935	N044935-003A
	04/12/21		ASSET	N044935	N044935-003B
	04/12/21		ASSET	N044935	N044935-003C
	04/12/21		ASSET	N044935	N044935-003D
MW-47	04/07/21		ASSET	N044888	N044888-018A
	04/07/21		ASSET	N044888	N044888-018B
MW-49A	04/08/21		ASSET	N044903	N044903-023A
	04/08/21		ASSET	N044903	N044903-023B
	04/08/21		ASSET	N044903	N044903-023C
	04/08/21		ASSET	N044903	N044903-023E
	04/08/21		PACE	N044903_30424176	30424176020
MW-49B	04/08/21		ASSET	N044903	N044903-024A
	04/08/21		ASSET	N044903	N044903-024B
	04/08/21		ASSET	N044903	N044903-024C
	04/08/21		ASSET	N044903	N044903-024E
	04/08/21		PACE	N044903_30424176	30424176021
MW-49S	04/08/21		ASSET	N044901	N044901-007A
	04/08/21		ASSET	N044901	N044901-007B
MW-50B	04/14/21		ASSET	N044983	N044983-005A
	04/14/21		ASSET	N044983	N044983-005B
	06/03/21		ASSET	N045744	N045744-006A
	06/03/21		ASSET	N045744	N045744-006B
MW-50S	04/14/21		ASSET	N044983	N044983-006A
	04/14/21		ASSET	N044983	N044983-006B
MW-51	04/16/21		ASSET	N045020	N045020-003A
	04/16/21		ASSET	N045020	N045020-003B
	04/16/21		ASSET	N045020	N045020-003C
	04/16/21		ASSET	N045020	N045020-003D
MW-52	04/16/21		ASSET	N045019	N045019-005A
	04/16/21		ASSET	N045019	N045019-005B
MW-55A	04/09/21		ASSET	N044917	N044917-005A
	04/09/21		ASSET	N044917	N044917-005B
	04/09/21		ASSET	N044917	N044917-005C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-55A	04/09/21		ASSET	N044917	N044917-005E
	04/09/21		PACE	N044917_30416120	30416120005
MW-55C	04/09/21		ASSET	N044916	N044916-002A
	04/09/21		ASSET	N044916	N044916-002B
MW-55S	04/09/21		ASSET	N044917	N044917-006A
	04/09/21		ASSET	N044917	N044917-006B
	04/09/21		ASSET	N044917	N044917-006C
	04/09/21		ASSET	N044917	N044917-006E
	04/09/21		PACE	N044917_30416120	30416120006
MW-56	04/14/21		ASSET	N044981	N044981-001A
	04/14/21		ASSET	N044981	N044981-001B
	04/14/21		ASSET	N044981	N044981-001C
	04/14/21		ASSET	N044981	N044981-001E
	04/14/21		PACE	N044981_30417544	30417544001
MW-57	04/08/21		ASSET	N044901	N044901-004A
	04/08/21		ASSET	N044901	N044901-004B
MW-57D	04/08/21		ASSET	N044901	N044901-005A
	04/08/21		ASSET	N044901	N044901-005B
MW-58	04/15/21		ASSET	N045001	N045001-012A
	04/15/21		ASSET	N045001	N045001-012B
	04/15/21	FD	ASSET	N045001	N045001-013A
	04/15/21	FD	ASSET	N045001	N045001-013B
MW-62A	04/15/21		ASSET	N045001	N045001-004A
	04/15/21		ASSET	N045001	N045001-004B
	04/15/21		ASSET	N045001	N045001-004C
	04/15/21		ASSET	N045001	N045001-004E
	04/15/21		PACE	N045001_30417539	30417539003
	04/15/21	FD	ASSET	N045001	N045001-005A
	04/15/21	FD	ASSET	N045001	N045001-005B
	04/15/21	FD	ASSET	N045001	N045001-005C
	04/15/21	FD	ASSET	N045001	N045001-005E
	04/15/21	FD	PACE	N045001_30417539	30417539004
MW-62C	04/14/21		ASSET	N044983	N044983-008A
	04/14/21		ASSET	N044983	N044983-008B
MW-66A	04/07/21		ASSET	N044888	N044888-014A
	04/07/21		ASSET	N044888	N044888-014B
MW-67B	04/05/21		ASSET	N044845	N044845-003A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-67B	04/05/21		ASSET	N044845	N044845-003B
	04/05/21		ASSET	N044845	N044845-003C
	04/05/21		ASSET	N044845	N044845-003D
MW-68C	04/09/21		ASSET	N044916	N044916-001A
	04/09/21		ASSET	N044916	N044916-001B
MW-68D	04/09/21		ASSET	N044917	N044917-003A
	04/09/21		ASSET	N044917	N044917-003B
	04/09/21		ASSET	N044917	N044917-003C
	04/09/21		ASSET	N044917	N044917-003E
	04/09/21		PACE	N044917_30416120	30416120003
MW-68S	04/09/21		ASSET	N044917	N044917-004A
	04/09/21		ASSET	N044917	N044917-004B
	04/09/21		ASSET	N044917	N044917-004C
	04/09/21		ASSET	N044917	N044917-004E
	04/09/21		PACE	N044917_30416120	30416120004
MW-69D	04/14/21		ASSET	N044982	N044982-008A
	04/14/21		ASSET	N044982	N044982-008B
MW-69S	04/14/21		ASSET	N044982	N044982-009A
	04/14/21		ASSET	N044982	N044982-009B
	04/14/21		ASSET	N044982	N044982-009C
	04/14/21		ASSET	N044982	N044982-009E
	04/14/21		PACE	N044982_30417543	30417543001
	04/14/21	FD	ASSET	N044982	N044982-010A
	04/14/21	FD	ASSET	N044982	N044982-010B
	04/14/21	FD	ASSET	N044982	N044982-010C
	04/14/21	FD	ASSET	N044982	N044982-010E
	04/14/21	FD	PACE	N044982_30417543	30417543002
MW-70D	04/09/21		ASSET	N044917	N044917-001A
	04/09/21		ASSET	N044917	N044917-001B
	04/09/21		ASSET	N044917	N044917-001C
	04/09/21		ASSET	N044917	N044917-001E
	04/09/21		PACE	N044917_30416120	30416120001
MW-70S	04/09/21		ASSET	N044917	N044917-002A
	04/09/21		ASSET	N044917	N044917-002B
	04/09/21		ASSET	N044917	N044917-002C
	04/09/21		ASSET	N044917	N044917-002E
	04/09/21		PACE	N044917_30416120	30416120002

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-71D	04/09/21		ASSET	N044917	N044917-012A
	04/09/21		ASSET	N044917	N044917-012B
	04/09/21		ASSET	N044917	N044917-012C
	04/09/21		ASSET	N044917	N044917-012E
	04/09/21		PACE	N044917_30416120	30416120012
MW-71S	04/09/21		ASSET	N044917	N044917-013A
	04/09/21		ASSET	N044917	N044917-013B
	04/09/21		ASSET	N044917	N044917-013C
	04/09/21		ASSET	N044917	N044917-013E
	04/09/21		PACE	N044917_30416120	30416120013
MW-72S	04/14/21		ASSET	N044983	N044983-002A
	04/14/21		ASSET	N044983	N044983-002B
	04/14/21		ASSET	N044983	N044983-002C
	04/14/21		ASSET	N044983	N044983-002E
	04/14/21		PACE	N044983_30417549	30417549001
	04/14/21	FD	ASSET	N044983	N044983-003A
	04/14/21	FD	ASSET	N044983	N044983-003B
	04/14/21	FD	ASSET	N044983	N044983-003C
	04/14/21	FD	ASSET	N044983	N044983-003E
	04/14/21	FD	PACE	N044983_30417549	30417549002
MW-73D	04/16/21		ASSET	N045020	N045020-001A
	04/16/21		ASSET	N045020	N045020-001B
	04/16/21		ASSET	N045020	N045020-001C
	04/16/21		ASSET	N045020	N045020-001D
MW-73S	04/16/21		ASSET	N045020	N045020-002A
	04/16/21		ASSET	N045020	N045020-002B
	04/16/21		ASSET	N045020	N045020-002C
	04/16/21		ASSET	N045020	N045020-002D
MW-74D	04/16/21		ASSET	N045020	N045020-008A
	04/16/21		ASSET	N045020	N045020-008B
	04/16/21		ASSET	N045020	N045020-008C
	04/16/21		ASSET	N045020	N045020-008D
	06/04/21		ASSET	N045761	N045761-001A
	06/04/21		ASSET	N045761	N045761-001B
MW-74D2	04/16/21		ASSET	N045020	N045020-009A
	04/16/21		ASSET	N045020	N045020-009B
	04/16/21		ASSET	N045020	N045020-009C
	04/16/21		ASSET	N045020	N045020-009D

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-75D	05/06/21		ASSET	N045309	N045309-011A
	05/06/21		ASSET	N045309	N045309-011B
	05/06/21		ASSET	N045309	N045309-011C
	05/06/21		ASSET	N045309	N045309-011D
MW-76S	04/07/21		ASSET	N044888	N044888-015A
	04/07/21		ASSET	N044888	N044888-015B
MW-78S	04/21/21		ASSET	N045078	N045078-012A
	04/21/21		ASSET	N045078	N045078-012B
	04/21/21		ASSET	N045078	N045078-012C
	04/21/21		ASSET	N045078	N045078-012D
MW-79S	04/15/21		ASSET	N045001	N045001-007A
	04/15/21		ASSET	N045001	N045001-007B
MW-80S	04/15/21		ASSET	N045001	N045001-015A
	04/15/21		ASSET	N045001	N045001-015B
MW-83D	04/14/21		ASSET	N044981	N044981-002A
	04/14/21		ASSET	N044981	N044981-002B
	04/14/21		ASSET	N044981	N044981-002C
	04/14/21		ASSET	N044981	N044981-002E
	04/14/21		PACE	N044981_30417544	30417544002
MW-83S	04/14/21		ASSET	N044981	N044981-003A
	04/14/21		ASSET	N044981	N044981-003B
	04/14/21		ASSET	N044981	N044981-003C
	04/14/21		ASSET	N044981	N044981-003E
	04/14/21		PACE	N044981_30417544	30417544003
	06/03/21		ASSET	N045743	N045743-001A
	06/03/21		ASSET	N045743	N045743-001B
	06/03/21		ASSET	N045743	N045743-001C
	06/03/21		ASSET	N045743	N045743-001E
MW-84D	04/09/21		ASSET	N044917	N044917-014A
	04/09/21		ASSET	N044917	N044917-014B
	04/09/21		ASSET	N044917	N044917-014C
	04/09/21		ASSET	N044917	N044917-014E
	04/09/21		PACE	N044917_30416120	30416120014
MW-84S	04/09/21		ASSET	N044917	N044917-015A
	04/09/21		ASSET	N044917	N044917-015B
	04/09/21		ASSET	N044917	N044917-015C
	04/09/21		ASSET	N044917	N044917-015E

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-84S	04/09/21		PACE	N044917_30416120	30416120015
MW-85D	04/09/21		ASSET	N044917	N044917-016A
	04/09/21		ASSET	N044917	N044917-016B
	04/09/21		ASSET	N044917	N044917-016C
	04/09/21		ASSET	N044917	N044917-016E
	04/09/21		PACE	N044917_30416120	30416120016
MW-85S	04/09/21		ASSET	N044917	N044917-017A
	04/09/21		ASSET	N044917	N044917-017B
	04/09/21		ASSET	N044917	N044917-017C
	04/09/21		ASSET	N044917	N044917-017E
	04/09/21		PACE	N044917_30416120	30416120017
MW-86D	04/15/21		ASSET	N045000	N045000-002A
	04/15/21		ASSET	N045000	N045000-002B
	04/15/21		ASSET	N045000	N045000-002C
	04/15/21		ASSET	N045000	N045000-002E
	04/15/21		PACE	N045000_30417545	30417545002
MW-86S	04/15/21		ASSET	N045000	N045000-003A
	04/15/21		ASSET	N045000	N045000-003B
	04/15/21		ASSET	N045000	N045000-003C
	04/15/21		ASSET	N045000	N045000-003E
	04/15/21		PACE	N045000_30417545	30417545003
MW-87D	04/15/21		ASSET	N045001	N045001-008A
	04/15/21		ASSET	N045001	N045001-008B
MW-87S	04/15/21		ASSET	N045001	N045001-009A
	04/15/21		ASSET	N045001	N045001-009B
MW-88D	04/15/21		ASSET	N045000	N045000-004A
	04/15/21		ASSET	N045000	N045000-004B
	04/15/21		ASSET	N045000	N045000-004C
	04/15/21		ASSET	N045000	N045000-004E
	04/15/21		PACE	N045000_30417545	30417545004
MW-88S	04/15/21		ASSET	N045000	N045000-005A
	04/15/21		ASSET	N045000	N045000-005B
	04/15/21		ASSET	N045000	N045000-005C
	04/15/21		ASSET	N045000	N045000-005E
	04/15/21		PACE	N045000_30417545	30417545005
MW-89D	04/12/21		ASSET	N044934	N044934-001A
	04/12/21		ASSET	N044934	N044934-001B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-89D	04/12/21		ASSET	N044934	N044934-001C
	04/12/21		ASSET	N044934	N044934-001E
	04/12/21		PACE	N044934_30416465	30416465001
MW-89S	04/12/21		ASSET	N044934	N044934-002A
	04/12/21		ASSET	N044934	N044934-002B
	04/12/21		ASSET	N044934	N044934-002C
	04/12/21		ASSET	N044934	N044934-002E
	04/12/21		PACE	N044934_30416465	30416465002
MW-90C	04/07/21		ASSET	N044888	N044888-019A
	04/07/21		ASSET	N044888	N044888-019B
	06/03/21		ASSET	N045744	N045744-004A
	06/03/21		ASSET	N045744	N045744-004B
MW-91C	04/13/21		ASSET	N044959	N044959-022A
	04/13/21		ASSET	N044959	N044959-022B
MW-92C	04/13/21		ASSET	N044959	N044959-019A
	04/13/21		ASSET	N044959	N044959-019B
MW-93C	04/07/21		ASSET	N044888	N044888-016A
	04/07/21		ASSET	N044888	N044888-016B
MW-94S	04/14/21		ASSET	N044982	N044982-026A
	04/14/21		ASSET	N044982	N044982-026B
MW-95D	04/12/21		ASSET	N044936	N044936-002A
	04/12/21		ASSET	N044936	N044936-002B
MW-95S	04/12/21		ASSET	N044936	N044936-017A
	04/12/21		ASSET	N044936	N044936-017B
MW-96D	04/12/21		ASSET	N044936	N044936-004A
	04/12/21		ASSET	N044936	N044936-004B
MW-96S	04/12/21		ASSET	N044936	N044936-021A
	04/12/21		ASSET	N044936	N044936-021B
MW-97D	04/14/21		ASSET	N044982	N044982-024A
	04/14/21		ASSET	N044982	N044982-024B
MW-97S	04/14/21		ASSET	N044982	N044982-025A
	04/14/21		ASSET	N044982	N044982-025B
MW-98C	04/07/21		ASSET	N044888	N044888-017A
	04/07/21		ASSET	N044888	N044888-017B
MW-99C	04/13/21		ASSET	N044959	N044959-023A
	04/13/21		ASSET	N044959	N044959-023B
PMW-01	04/21/21		ASSET	N045078	N045078-011A

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
PMW-01	04/21/21		ASSET	N045078	N045078-011B
	04/21/21		ASSET	N045078	N045078-011C
PMW-02	04/21/21		ASSET	N045077	N045077-001A
	04/21/21		ASSET	N045077	N045077-001B
	04/21/21		ASSET	N045077	N045077-001C
	04/21/21		ASSET	N045077	N045077-001E
	04/21/21		PACE	N045077_30417519	30417519001
PMW-03	04/21/21		ASSET	N045078	N045078-009A
	04/21/21		ASSET	N045078	N045078-009B
	04/21/21		ASSET	N045078	N045078-009C
PMW-05	04/21/21		ASSET	N045078	N045078-010A
	04/21/21		ASSET	N045078	N045078-010B
	04/21/21		ASSET	N045078	N045078-010C
PT2-MW-10	04/21/21		ASSET	N045078	N045078-005A
	04/21/21		ASSET	N045078	N045078-005D
SA-MW-01S	05/06/21		ASSET	N045309	N045309-016A
	05/06/21		ASSET	N045309	N045309-016D
SA-MW-05D	05/06/21		ASSET	N045309	N045309-003A
	05/06/21		ASSET	N045309	N045309-003D
	05/06/21	FD	ASSET	N045309	N045309-004A
	05/06/21	FD	ASSET	N045309	N045309-004D
SA-MW-06S	05/06/21		ASSET	N045309	N045309-019A
	05/06/21		ASSET	N045309	N045309-019D
SA-MW-07D	05/06/21		ASSET	N045309	N045309-020A
	05/06/21		ASSET	N045309	N045309-020D
	05/06/21	FD	ASSET	N045309	N045309-021A
	05/06/21	FD	ASSET	N045309	N045309-021D
SA-MW-09S	05/06/21		ASSET	N045309	N045309-023A
	05/06/21		ASSET	N045309	N045309-023D
	05/06/21	FD	ASSET	N045309	N045309-024A
	05/06/21	FD	ASSET	N045309	N045309-024D
SA-MW-10D	05/06/21		ASSET	N045309	N045309-025A
	05/06/21		ASSET	N045309	N045309-025D
SA-MW-11S	04/21/21		ASSET	N045078	N045078-002A
	04/21/21		ASSET	N045078	N045078-002D
SA-MW-16S	04/05/21		ASSET	N044845	N044845-002A
	04/05/21		ASSET	N044845	N044845-002D

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
SA-MW-17S	04/15/21		ASSET	N045004	N045004-009A
	04/15/21		ASSET	N045004	N045004-009D
SA-MW-20D	05/06/21		ASSET	N045309	N045309-005A
	05/06/21		ASSET	N045309	N045309-005D
SA-MW-25D	04/23/21		ASSET	N045128	N045128-013A
	04/23/21		ASSET	N045128	N045128-013C
SA-MW-26D	05/06/21		ASSET	N045309	N045309-006A
	05/06/21		ASSET	N045309	N045309-006D
SA-MW-26S	05/06/21		ASSET	N045309	N045309-007A
	05/06/21		ASSET	N045309	N045309-007D
SA-MW-27D	04/13/21		ASSET	N044960	N044960-001A
	04/13/21		ASSET	N044960	N044960-001D
SA-MW-34S	04/22/21		ASSET	N045112	N045112-018A
	04/22/21		ASSET	N045112	N045112-018D
SA-MW-37D	04/22/21		ASSET	N045112	N045112-019A
	04/22/21		ASSET	N045112	N045112-019D
SA-MW-38D	05/06/21		ASSET	N045309	N045309-012A
	05/06/21		ASSET	N045309	N045309-012D
	05/06/21	FD	ASSET	N045309	N045309-013A
	05/06/21	FD	ASSET	N045309	N045309-013D
SA-MW-38S	05/06/21		ASSET	N045309	N045309-014A
	05/06/21		ASSET	N045309	N045309-014D
SA-MW-39D	04/13/21		ASSET	N044960	N044960-002A
	04/13/21		ASSET	N044960	N044960-002D
SA-MW-39S	04/13/21		ASSET	N044960	N044960-003A
	04/13/21		ASSET	N044960	N044960-003D
SA-RW-25	04/20/21		ASSET	N045055	N045055-011A
	04/20/21		ASSET	N045055	N045055-011B
SA-SM-01S	04/22/21		ASSET	N045112	N045112-012A
	04/22/21		ASSET	N045112	N045112-012C
SA-SM-02S	04/22/21		ASSET	N045112	N045112-013A
	04/22/21		ASSET	N045112	N045112-013D
SA-SM-03SR	04/22/21		ASSET	N045112	N045112-009A
	04/22/21		ASSET	N045112	N045112-009D
SA-SM-08D	04/22/21		ASSET	N045112	N045112-014A
	04/22/21		ASSET	N045112	N045112-014D
	04/22/21	FD	ASSET	N045112	N045112-015A

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Second Quarter 2021 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
SA-SM-08D	04/22/21	FD	ASSET	N045112	N045112-015D
SC-MW-01D	04/21/21		ASSET	N045078	N045078-008A
	04/21/21		ASSET	N045078	N045078-008D
SC-MW-02D	05/07/21		ASSET	N045319	N045319-007A
	05/07/21		ASSET	N045319	N045319-007D
SC-MW-03D	05/07/21		ASSET	N045319	N045319-009A
	05/07/21		ASSET	N045319	N045319-009D
SC-MW-04D	05/07/21		ASSET	N045319	N045319-004A
	05/07/21		ASSET	N045319	N045319-004D
SC-MW-05D	04/23/21		ASSET	N045128	N045128-010A
	04/23/21		ASSET	N045128	N045128-010C
SC-MW-06D	04/23/21		ASSET	N045128	N045128-011A
	04/23/21		ASSET	N045128	N045128-011C
SC-MW-06S	04/23/21		ASSET	N045128	N045128-012A
	04/23/21		ASSET	N045128	N045128-012C
SC-MW-07D	05/07/21		ASSET	N045319	N045319-005A
	05/07/21		ASSET	N045319	N045319-005D
SC-MW-07S	05/07/21		ASSET	N045319	N045319-006A
	05/07/21		ASSET	N045319	N045319-006D
SC-MW-09D	05/06/21		ASSET	N045309	N045309-009A
	05/06/21		ASSET	N045309	N045309-009D
SC-MW-10D	04/23/21		ASSET	N045128	N045128-008A
	04/23/21		ASSET	N045128	N045128-008C
SC-MW-10S	04/23/21		ASSET	N045128	N045128-009A
	04/23/21		ASSET	N045128	N045128-009C
SC-MW-11D	04/15/21		ASSET	N045004	N045004-002A
	04/15/21		ASSET	N045004	N045004-002D
SC-MW-11SR	04/15/21		ASSET	N045004	N045004-003A
	04/15/21		ASSET	N045004	N045004-003D
SC-MW-12S	04/15/21		ASSET	N045004	N045004-005A
	04/15/21		ASSET	N045004	N045004-005D
SC-MW-13D	04/15/21		ASSET	N045004	N045004-006A
	04/15/21		ASSET	N045004	N045004-006D
SC-MW-13S	04/15/21		ASSET	N045004	N045004-007A
	04/15/21		ASSET	N045004	N045004-007F
	04/15/21	FD	ASSET	N045004	N045004-008A
	04/15/21	FD	ASSET	N045004	N045004-008F

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
SC-MW-21S	04/20/21		ASSET	N045055	N045055-007A
	04/20/21		ASSET	N045055	N045055-007E
SC-MW-26D	04/20/21		ASSET	N045055	N045055-012A
	04/20/21		ASSET	N045055	N045055-012C
X-04	04/15/21		ASSET	N045000	N045000-015A
	04/15/21		ASSET	N045000	N045000-015B
X-05	04/15/21		ASSET	N045000	N045000-016A
	04/15/21		ASSET	N045000	N045000-016B
X-06	04/13/21		ASSET	N044958	N044958-013A
	04/13/21		ASSET	N044958	N044958-013B
X-09	04/15/21		ASSET	N045000	N045000-017A
	04/15/21		ASSET	N045000	N045000-017B
X-12	04/13/21		ASSET	N044960	N044960-008A
	04/13/21		ASSET	N044960	N044960-008B
	04/13/21		ASSET	N044960	N044960-008C
	04/13/21		ASSET	N044960	N044960-008E
	04/13/21		PACE	N044960_30416463	30416463001
X-13	04/13/21		ASSET	N044960	N044960-009A
	04/13/21		ASSET	N044960	N044960-009B
	04/13/21		ASSET	N044960	N044960-009C
	04/13/21		ASSET	N044960	N044960-009D
	04/13/21		ASSET	N044960	N044960-009E
	04/13/21	FD	ASSET	N044960	N044960-010A
	04/13/21	FD	ASSET	N044960	N044960-010B
	04/13/21	FD	ASSET	N044960	N044960-010C
	04/13/21	FD	ASSET	N044960	N044960-010D
	04/13/21	FD	ASSET	N044960	N044960-010E
X-16	04/13/21		ASSET	N044960	N044960-011A
Y-01	04/08/21		ASSET	N044903	N044903-007A
	04/08/21		ASSET	N044903	N044903-007B
	04/08/21		ASSET	N044903	N044903-007C
	04/08/21		ASSET	N044903	N044903-007E
	04/08/21		PACE	N044903_30424176	30424176007
Y-03	04/08/21		ASSET	N044903	N044903-008A
	04/08/21		ASSET	N044903	N044903-008B
	04/08/21		ASSET	N044903	N044903-008C
	04/08/21		ASSET	N044903	N044903-008E

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
Y-03	04/08/21		PACE	N044903_30424176	30424176008

Abbreviations:

ASSET = Asset laboratories
 FD = field duplicate
 PACE = Pace Analytical Services, Inc.
 SDG = sample delivery group

April 19, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044844

RE: PG&E Hinkley - GMP, 30046045

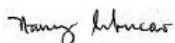
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 05, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories

Date: 19-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044844

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (3.2 ug/L) and hexavalent chromium (2.2 ug/L) for sample N044844-002 (MW-157S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (6.1 ug/L) and hexavalent chromium (4.1 ug/L) for sample N044844-005 (MW-220S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (5.4 ug/L) and hexavalent chromium (3.5 ug/L) for sample N044844-006 (MW-922-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (3.4 ug/L) and hexavalent chromium (2.3 ug/L) for sample N044844-009 (MW-128S2-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (4.5 ug/L) and hexavalent chromium (2.0 ug/L) for sample N044844-013 (MW-916-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.



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 ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044844

CASE NARRATIVE

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (3.2 ug/L) and hexavalent chromium (2.2 ug/L) for sample N044844-002 (MW-157S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.0 and 2.5 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (6.1 ug/L) and hexavalent chromium (4.1 ug/L) for sample N044844-005 (MW-220S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 6.0 and 4.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (5.4 ug/L) and hexavalent chromium (3.5 ug/L) for sample N044844-006 (MW-922-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 5.6 and 4.6 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (3.4 ug/L) and hexavalent chromium (2.3 ug/L) for sample N044844-009 (MW-128S2-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.5 and 2.5 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (4.5 ug/L) and hexavalent chromium (2.0 ug/L) for sample N044844-013 (MW-916-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.6 and 2.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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 ORELAP/NELAP Cert 4046

ASSET Laboratories

Date: 19-Apr-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - GMP, 30046045

Lab Order: N044844

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044844-001A	MW-156S-Q221	Groundwater	4/5/2021 10:38:00 AM	4/5/2021	4/19/2021
N044844-001B	MW-156S-Q221	Groundwater	4/5/2021 10:38:00 AM	4/5/2021	4/19/2021
N044844-002A	MW-157S-Q221	Groundwater	4/5/2021 11:20:00 AM	4/5/2021	4/19/2021
N044844-002B	MW-157S-Q221	Groundwater	4/5/2021 11:20:00 AM	4/5/2021	4/19/2021
N044844-003A	MW-220D-Q221	Groundwater	4/5/2021 12:20:00 PM	4/5/2021	4/19/2021
N044844-003B	MW-220D-Q221	Groundwater	4/5/2021 12:20:00 PM	4/5/2021	4/19/2021
N044844-003C	MW-220D-Q221	Groundwater	4/5/2021 12:20:00 PM	4/5/2021	4/19/2021
N044844-003D	MW-220D-Q221	Groundwater	4/5/2021 12:20:00 PM	4/5/2021	4/19/2021
N044844-004A	MW-921-Q221	Groundwater	4/5/2021 12:30:00 PM	4/5/2021	4/19/2021
N044844-004B	MW-921-Q221	Groundwater	4/5/2021 12:30:00 PM	4/5/2021	4/19/2021
N044844-004C	MW-921-Q221	Groundwater	4/5/2021 12:30:00 PM	4/5/2021	4/19/2021
N044844-004D	MW-921-Q221	Groundwater	4/5/2021 12:30:00 PM	4/5/2021	4/19/2021
N044844-005A	MW-220S-Q221	Groundwater	4/5/2021 1:11:00 PM	4/5/2021	4/19/2021
N044844-005B	MW-220S-Q221	Groundwater	4/5/2021 1:11:00 PM	4/5/2021	4/19/2021
N044844-005C	MW-220S-Q221	Groundwater	4/5/2021 1:11:00 PM	4/5/2021	4/19/2021
N044844-005D	MW-220S-Q221	Groundwater	4/5/2021 1:11:00 PM	4/5/2021	4/19/2021
N044844-006A	MW-922-Q221	Groundwater	4/5/2021 1:21:00 PM	4/5/2021	4/19/2021
N044844-006B	MW-922-Q221	Groundwater	4/5/2021 1:21:00 PM	4/5/2021	4/19/2021
N044844-006C	MW-922-Q221	Groundwater	4/5/2021 1:21:00 PM	4/5/2021	4/19/2021
N044844-006D	MW-922-Q221	Groundwater	4/5/2021 1:21:00 PM	4/5/2021	4/19/2021
N044844-007A	MW-136S1-Q221	Groundwater	4/5/2021 10:25:00 AM	4/5/2021	4/19/2021
N044844-007B	MW-136S1-Q221	Groundwater	4/5/2021 10:25:00 AM	4/5/2021	4/19/2021
N044844-008A	MW-128S1-Q221	Groundwater	4/5/2021 2:27:00 PM	4/5/2021	4/19/2021
N044844-008B	MW-128S1-Q221	Groundwater	4/5/2021 2:27:00 PM	4/5/2021	4/19/2021
N044844-009A	MW-128S2-Q221	Groundwater	4/5/2021 1:46:00 PM	4/5/2021	4/19/2021
N044844-009B	MW-128S2-Q221	Groundwater	4/5/2021 1:46:00 PM	4/5/2021	4/19/2021
N044844-010A	MW-128S3-Q221	Groundwater	4/5/2021 1:07:00 PM	4/5/2021	4/19/2021
N044844-010B	MW-128S3-Q221	Groundwater	4/5/2021 1:07:00 PM	4/5/2021	4/19/2021
N044844-011A	MW-123S1-Q221	Groundwater	4/5/2021 1:53:00 PM	4/5/2021	4/19/2021


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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044844
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044844-011B	MW-123S1-Q221	Groundwater	4/5/2021 1:53:00 PM	4/5/2021	4/19/2021
N044844-011C	MW-123S1-Q221	Groundwater	4/5/2021 1:53:00 PM	4/5/2021	4/19/2021
N044844-012A	MW-123S2-Q221	Groundwater	4/5/2021 2:28:00 PM	4/5/2021	4/19/2021
N044844-012B	MW-123S2-Q221	Groundwater	4/5/2021 2:28:00 PM	4/5/2021	4/19/2021
N044844-012C	MW-123S2-Q221	Groundwater	4/5/2021 2:28:00 PM	4/5/2021	4/19/2021
N044844-012D	MW-123S2-Q221	Groundwater	4/5/2021 2:28:00 PM	4/5/2021	4/19/2021
N044844-013A	MW-916-Q221	Groundwater	4/5/2021 2:38:00 PM	4/5/2021	4/19/2021
N044844-013B	MW-916-Q221	Groundwater	4/5/2021 2:38:00 PM	4/5/2021	4/19/2021
N044844-013C	MW-916-Q221	Groundwater	4/5/2021 2:38:00 PM	4/5/2021	4/19/2021
N044844-013D	MW-916-Q221	Groundwater	4/5/2021 2:38:00 PM	4/5/2021	4/19/2021
N044844-014A	MW-111D-Q221	Groundwater	4/5/2021 11:42:00 AM	4/5/2021	4/19/2021
N044844-014B	MW-111D-Q221	Groundwater	4/5/2021 11:42:00 AM	4/5/2021	4/19/2021
N044844-014C	MW-111D-Q221	Groundwater	4/5/2021 11:42:00 AM	4/5/2021	4/19/2021
N044844-015A	MW-111S1-Q221	Groundwater	4/5/2021 12:23:00 PM	4/5/2021	4/19/2021
N044844-015B	MW-111S1-Q221	Groundwater	4/5/2021 12:23:00 PM	4/5/2021	4/19/2021
N044844-015C	MW-111S1-Q221	Groundwater	4/5/2021 12:23:00 PM	4/5/2021	4/19/2021
N044844-015D	MW-111S1-Q221	Groundwater	4/5/2021 12:23:00 PM	4/5/2021	4/19/2021
N044844-016A	MW-111S2-Q221	Groundwater	4/5/2021 12:56:00 PM	4/5/2021	4/19/2021
N044844-016B	MW-111S2-Q221	Groundwater	4/5/2021 12:56:00 PM	4/5/2021	4/19/2021
N044844-016C	MW-111S2-Q221	Groundwater	4/5/2021 12:56:00 PM	4/5/2021	4/19/2021
N044844-017A	MW-113S1-Q221	Groundwater	4/5/2021 10:29:00 AM	4/5/2021	4/19/2021
N044844-017B	MW-113S1-Q221	Groundwater	4/5/2021 10:29:00 AM	4/5/2021	4/19/2021
N044844-018A	MW-191D2-Q221	Groundwater	4/5/2021 2:40:00 PM	4/5/2021	4/19/2021
N044844-018B	MW-191D2-Q221	Groundwater	4/5/2021 2:40:00 PM	4/5/2021	4/19/2021
N044844-019A	MW-191D3-Q221	Groundwater	4/5/2021 2:45:00 PM	4/5/2021	4/19/2021
N044844-019B	MW-191D3-Q221	Groundwater	4/5/2021 2:45:00 PM	4/5/2021	4/19/2021



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-005

Client Sample ID: MW-220S-Q221
Collection Date: 4/5/2021 1:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	660	10	10	mg/L	1	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-006

Client Sample ID: MW-922-Q221
Collection Date: 4/5/2021 1:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	660	10	10	mg/L	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-011

Client Sample ID: MW-123S1-Q221
Collection Date: 4/5/2021 1:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	970	10	10	mg/L	1	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-012

Client Sample ID: MW-123S2-Q221
Collection Date: 4/5/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1900	20	20	mg/L	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-013

Client Sample ID: MW-916-Q221
Collection Date: 4/5/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1900	20	20	mg/L	1	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-014

Client Sample ID: MW-111D-Q221
Collection Date: 4/5/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	330	10	10	mg/L	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-015

Client Sample ID: MW-111S1-Q221
Collection Date: 4/5/2021 12:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	430	10	10	mg/L	1	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-016

Client Sample ID: MW-111S2-Q221
Collection Date: 4/5/2021 12:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	470	10	10	mg/L	1	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-86962	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/6/2021	RunNo:	151899			
Client ID:	LCSW	Batch ID:	86962	TestNo:	SM2540C			Analysis Date:	4/6/2021	SeqNo:	4166327			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		978.000		10	1000	0		97.8	80	120				

Sample ID	MB-86962	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/6/2021	RunNo:	151899			
Client ID:	PBW	Batch ID:	86962	TestNo:	SM2540C			Analysis Date:	4/6/2021	SeqNo:	4166328			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N044844-013CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/6/2021	RunNo:	151899			
Client ID:	ZZZZZZ	Batch ID:	86962	TestNo:	SM2540C			Analysis Date:	4/6/2021	SeqNo:	4166334			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		1878.000		20							1882	0.213	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-011

Client Sample ID: MW-123S1-Q221
Collection Date: 4/5/2021 1:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	15 0.056 0.67	pCi/L	1 4/8/2021 11:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-012

Client Sample ID: MW-123S2-Q221
Collection Date: 4/5/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	30 0.056 0.67	pCi/L	1 4/8/2021 11:28 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-013

Client Sample ID: MW-916-Q221
Collection Date: 4/5/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	31 0.056 0.67	pCi/L	1 4/8/2021 11:34 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-014

Client Sample ID: MW-111D-Q221
Collection Date: 4/5/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	8.6 0.056 0.67	pCi/L	1 4/8/2021 11:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-015

Client Sample ID: MW-111S1-Q221
Collection Date: 4/5/2021 12:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	6.6 0.056 0.67	pCi/L	1 4/8/2021 10:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-016

Client Sample ID: MW-111S2-Q221
Collection Date: 4/5/2021 12:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	6.9 0.056 0.67	pCi/L	1 4/8/2021 10:41 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-86953	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: PBW	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170076
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID LCS-86953	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: LCSW	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170077
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.196	0.67	6.700	0	107 85 115

Sample ID N044844-015DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: ZZZZZZ	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170081
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	13.904	0.67	6.700	6.577	109 75 125

Sample ID N044844-015DMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: ZZZZZZ	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170082
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	13.759	0.67	6.700	6.577	107 75 125 13.90 1.05 20

Sample ID N044844-016CMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: ZZZZZZ	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170088
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	14.288	0.67	6.700	6.852	111 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044844-016CMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985					
Client ID: ZZZZZZ	Batch ID: 86953	TestNo: EPA 200.8	Analysis Date: 4/8/2021	SeqNo: 4170089							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	14.301	0.67	6.700	6.852	111	75	125	14.29	0.0881	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-001

Client Sample ID: MW-156S-Q221
Collection Date: 4/5/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.86	0.033	0.20		µg/L	1	4/6/2021 05:46 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	1.4	0.13	1.0		µg/L	1	4/6/2021 03:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-002

Client Sample ID: MW-157S-Q221
Collection Date: 4/5/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/6/2021 05:56 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	3.2	0.13	1.0		µg/L	1	4/6/2021 04:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-003

Client Sample ID: MW-220D-Q221
Collection Date: 4/5/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/6/2021 06:05 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/6/2021 04:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-004

Client Sample ID: MW-921-Q221
Collection Date: 4/5/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/6/2021 06:15 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/6/2021 04:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-005

Client Sample ID: MW-220S-Q221
Collection Date: 4/5/2021 1:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210406B	QC Batch: R151903		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.1	0.033	0.20		µg/L	1	4/6/2021 06:24 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86951		PrepDate: 4/6/2021		Analyst: CEI		
Chromium	6.1	0.13	1.0		µg/L	1	4/6/2021 04:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-006

Client Sample ID: MW-922-Q221
Collection Date: 4/5/2021 1:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.5	0.033	0.20		µg/L	1	4/6/2021 06:33 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86951		PrepDate: 4/6/2021		Analyst: CEI		
Chromium	5.4	0.13	1.0		µg/L	1	4/6/2021 04:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-007

Client Sample ID: MW-136S1-Q221
Collection Date: 4/5/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	3.7	0.033	0.20		µg/L	1	4/6/2021 04:40 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	4.0	0.13	1.0		µg/L	1	4/6/2021 04:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-008

Client Sample ID: MW-128S1-Q221
Collection Date: 4/5/2021 2:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	8.2	0.033	0.20		µg/L	1	4/6/2021 08:27 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	9.0	0.13	1.0		µg/L	1	4/6/2021 04:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-009

Client Sample ID: MW-128S2-Q221
Collection Date: 4/5/2021 1:46:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.3	0.033	0.20		µg/L	1	4/6/2021 07:11 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	3.4	0.13	1.0		µg/L	1	4/6/2021 04:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-010

Client Sample ID: MW-128S3-Q221
Collection Date: 4/5/2021 1:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/6/2021 07:21 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210408A	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	2.0	0.13	1.0		µg/L	1	4/8/2021 09:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-012

Client Sample ID: MW-123S2-Q221
Collection Date: 4/5/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210408A	QC Batch: R151960			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/8/2021 11:55 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210408A	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	2.2	0.13	1.0		µg/L	1	4/8/2021 09:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-013

Client Sample ID: MW-916-Q221
Collection Date: 4/5/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/6/2021 07:40 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210408A	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	4.5	0.13	1.0		µg/L	1	4/8/2021 09:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-015

Client Sample ID: MW-111S1-Q221
Collection Date: 4/5/2021 12:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/6/2021 04:30 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	3.2	0.13	1.0		µg/L	1	4/6/2021 03:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-017

Client Sample ID: MW-113S1-Q221
Collection Date: 4/5/2021 10:29:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210406B	QC Batch: R151903		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/6/2021 07:49 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210408A	QC Batch: 86951		PrepDate: 4/6/2021		Analyst: CEI		
Chromium	2.6	0.13	1.0		µg/L	1	4/8/2021 09:29 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-018

Client Sample ID: MW-191D2-Q221
Collection Date: 4/5/2021 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210406B	QC Batch: R151903		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.4	0.033	0.20		µg/L	1	4/6/2021 07:59 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210408A	QC Batch: 86951		PrepDate:		4/6/2021	Analyst: CEI	
Chromium	2.6	0.13	1.0		µg/L	1	4/8/2021 09:35 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-019

Client Sample ID: MW-191D3-Q221
Collection Date: 4/5/2021 2:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406B	QC Batch: R151903			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/6/2021 08:08 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210408A	QC Batch: 86951			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	1.7	0.13	1.0		µg/L	1	4/8/2021 09:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID	LCS-R151903	SampType:	LCS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151903			
Client ID:	LCSW	Batch ID:	R151903	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166667			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		5.121		0.20	5.000	0		102	90	110				

Sample ID	MB-R151903	SampType:	MBLK	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151903			
Client ID:	PBW	Batch ID:	R151903	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166668			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		ND		0.20										

Sample ID	N044844-015AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151903			
Client ID:	ZZZZZZ	Batch ID:	R151903	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166673			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		3.621		0.20	1.000	2.544		108	90	110				

Sample ID	N044844-007ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151903			
Client ID:	ZZZZZZ	Batch ID:	R151903	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166675			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		3.734		0.20							3.711	0.612	20	

Sample ID	N044844-007AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151903			
Client ID:	ZZZZZZ	Batch ID:	R151903	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166676			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		9.090		0.20	5.000	3.711		108	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044844-015AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151903			
Client ID:	ZZZZZZ	Batch ID:	R151903	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166685			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		3.583		0.20	1.000	2.544		104	90	110	3.621	1.04	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID MB-R151960	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: PBW	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169094	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID LCS-R151960	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: LCSW	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169095	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 5.131 0.20 5.000 0 103 90 110

Sample ID N044889-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169097	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 2.346 0.20 1.000 1.338 101 90 110

Sample ID N044889-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169099	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 2.143 0.20 1.000 1.084 106 90 110

Sample ID N044889-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169101	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 4.263 0.20 1.000 3.217 105 90 110

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044889-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960					
Client ID:	ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169103						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.165	0.20	1.000	0.1594	101	90	110				

Sample ID	N044889-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960					
Client ID:	ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	2.595	0.20	1.000	1.577	102	90	110				

Sample ID	N044889-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960					
Client ID:	ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169109						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.582	0.20	1.000	0.5684	101	90	110				

Sample ID	N044889-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960					
Client ID:	ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169111						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	2.468	0.20	1.000	1.444	102	90	110				

Sample ID	N044889-005ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960					
Client ID:	ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169113						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.552	0.20						1.577	1.62	20	

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044890-008AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960			
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169130			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		10.227		0.20	5.000	4.976		105	90	110				

Sample ID	N044890-008AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960			
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169131			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		10.118		0.20	5.000	4.976		103	90	110	10.23	1.08	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86951	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	PBW	Batch ID:	86951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167330			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID	LCS-86951	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	LCSW	Batch ID:	86951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167331			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.148 1.0 10.00 0 101 85 115

Sample ID	N044844-015DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881					
Client ID:	ZZZZZZ	Batch ID: 86951	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4167335					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 12.484 1.0 10.00 3.185 93.0 75 125

Sample ID	N044844-015DMSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	ZZZZZZ	Batch ID:	86951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167338			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 12.709 1.0 10.00 3.185 95.2 75 125 12.48 1.78 20

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-003

Client Sample ID: MW-220D-Q221
Collection Date: 4/5/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	0.20 0.0087 0.050	mg/L	1 4/6/2021 12:46 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-004

Client Sample ID: MW-921-Q221
Collection Date: 4/5/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	0.20 0.0087 0.050	mg/L	1 4/6/2021 02:03 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-005

Client Sample ID: MW-220S-Q221
Collection Date: 4/5/2021 1:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	4.1 0.017 0.10	mg/L	2 4/6/2021 01:17 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-006

Client Sample ID: MW-922-Q221
Collection Date: 4/5/2021 1:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	4.1 0.017 0.10	mg/L	2 4/6/2021 02:18 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-011

Client Sample ID: MW-123S1-Q221
Collection Date: 4/5/2021 1:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887			PrepDate:		Analyst: RAB
Nitrate as N	3.3	0.044	0.25	mg/L	5	4/6/2021 01:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-012

Client Sample ID: MW-123S2-Q221
Collection Date: 4/5/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	10 0.087 0.50	mg/L	10 4/6/2021 01:47 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-013

Client Sample ID: MW-916-Q221
Collection Date: 4/5/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	10 0.087 0.50	mg/L	10 4/6/2021 03:04 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-014

Client Sample ID: MW-111D-Q221
Collection Date: 4/5/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	ND 0.0087 0.050	mg/L	1 4/6/2021 01:01 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-015

Client Sample ID: MW-111S1-Q221
Collection Date: 4/5/2021 12:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	0.75 0.017 0.10	mg/L	2 4/6/2021 12:00 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-016

Client Sample ID: MW-111S2-Q221
Collection Date: 4/5/2021 12:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	0.96 0.017 0.10	mg/L	2 4/6/2021 12:16 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	MB-R151887_NO3	SampType:	MBLK	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	PBW	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172706			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		0.023		0.050										

Sample ID	LCS-R151887_NO3	SampType:	LCS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	LCSW	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172707			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		1.247		0.050	1.250	0		99.7	90	110				

Sample ID	N044845-001BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172712			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		0.570		0.10							0.5564	2.38	20	

Sample ID	N044845-002BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172730			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		8.479		0.25	6.250	2.380		97.6	80	120				

Sample ID	N044844-015BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172731			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		3.338		0.10	2.500	0.7540		103	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044844-015BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172732		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		3.275		0.10	2.500	0.7540	101	80	120	3.338	1.90	20	

Sample ID	N044844-016AMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172733		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		3.488		0.10	2.500	0.9604	101	80	120				

Sample ID	N044844-016AMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172734		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		3.486		0.10	2.500	0.9604	101	80	120	3.488	0.0631	20	

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-003

Client Sample ID: MW-220D-Q221
Collection Date: 4/5/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210413A	QC Batch: R152019		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.078	1.0		mg/L	1	4/13/2021 01:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-004

Client Sample ID: MW-921-Q221
Collection Date: 4/5/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210413A	QC Batch: R152019		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.078	1.0		mg/L	1	4/13/2021 02:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID MB-R152019	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: PBW	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171851
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID LCS-R152019	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: LCSW	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171852
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.662	1.0	5.000	0	93.2 85 115

Sample ID N044844-003CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: ZZZZZZ	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171854
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.724	1.0	5.000	0.3281	87.9 75 125

Sample ID N044844-003CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: ZZZZZZ	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171855
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.755	1.0	5.000	0.3281	88.5 75 125 4.724 0.652 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-003

Client Sample ID: MW-220D-Q221
Collection Date: 4/5/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate:	4/6/2021	Analyst: DJ	
Iron	42	18	20		ug/L	1	4/6/2021 04:06 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-004

Client Sample ID: MW-921-Q221
Collection Date: 4/5/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate:	4/6/2021	Analyst: DJ	
Iron	39	18	20		ug/L	1	4/6/2021 04:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-005

Client Sample ID: MW-220S-Q221
Collection Date: 4/5/2021 1:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate:	4/6/2021	Analyst: DJ	
Iron	140	18	20		ug/L	1	4/6/2021 04:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-006

Client Sample ID: MW-922-Q221
Collection Date: 4/5/2021 1:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate:	4/6/2021	Analyst: DJ	
Iron	130	18	20		ug/L	1	4/6/2021 04:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID	MB-86950	SampType:	MBLK	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:	4/6/2021	RunNo:	151889
Client ID:	PBW	Batch ID:	86950	TestNo:	EPA 6010B EPA 3010A	Analysis Date:	4/6/2021	SeqNo:	4166018		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	ND	20									

Sample ID	LCS-86950	SampType:	LCS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:	4/6/2021	RunNo:	151889
Client ID:	LCSW	Batch ID:	86950	TestNo:	EPA 6010B EPA 3010A	Analysis Date:	4/6/2021	SeqNo:	4166019		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	88.900	20	100.0	0	88.9	85	115				

Sample ID	N044798-001A-MS	SampType:	MS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:	4/6/2021	RunNo:	151889
Client ID:	ZZZZZZ	Batch ID:	86950	TestNo:	EPA 6010B EPA 3010A	Analysis Date:	4/6/2021	SeqNo:	4166023		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	93.451	20	100.0	0	93.5	75	125				

Sample ID	N044798-001A-MSD	SampType:	MSD	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:	4/6/2021	RunNo:	151889
Client ID:	ZZZZZZ	Batch ID:	86950	TestNo:	EPA 6010B EPA 3010A	Analysis Date:	4/6/2021	SeqNo:	4166024		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	102.100	20	100.0	0	102	75	125	93.45	8.85	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-003

Client Sample ID: MW-220D-Q221
Collection Date: 4/5/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 3010A

EPA 6020

RunID: NV00922-ICP7_210408A	QC Batch: 86951			PrepDate: 4/6/2021		Analyst: CEI
Arsenic	1.4	0.081	0.10	µg/L	1	4/8/2021 08:53 AM
Manganese	170	0.26	0.50	µg/L	1	4/6/2021 04:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-004

Client Sample ID: MW-921-Q221
Collection Date: 4/5/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 3010A

EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate: 4/6/2021		Analyst: CEI
Arsenic	1.3	0.081	0.10	µg/L	1	4/6/2021 04:16 PM
Manganese	170	0.26	0.50	µg/L	1	4/6/2021 04:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-005

Client Sample ID: MW-220S-Q221
Collection Date: 4/5/2021 1:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 3010A

EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate: 4/6/2021	Analyst: CEI
Arsenic	6.6	0.081	0.10	µg/L	1 4/6/2021 04:22 PM
Manganese	980	2.6	5.0	µg/L	10 4/8/2021 08:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044844
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044844-006

Client Sample ID: MW-922-Q221
Collection Date: 4/5/2021 1:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 3010A

EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86951			PrepDate: 4/6/2021	Analyst: CEI
Arsenic	6.5	0.081	0.10	µg/L	1 4/6/2021 04:28 PM
Manganese	960	2.6	5.0	µg/L	10 4/8/2021 09:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044844
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID MB-86951	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: PBW	Batch ID: 86951	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4167218
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID LCS-86951	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: LCSW	Batch ID: 86951	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4167219
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	9.936	0.10	10.00	0	99.4 85 115
Manganese	102.870	0.50	100.0	0	103 85 115

Sample ID N044844-015DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: ZZZZZZ	Batch ID: 86951	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4167223
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.163	0.10	10.00	1.857	93.1 75 125
Manganese	99.987	0.50	100.0	4.370	95.6 75 125

Sample ID N044844-015DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: ZZZZZZ	Batch ID: 86951	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4167226
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.753	0.10	10.00	1.857	99.0 75 125 11.16 5.15 20
Manganese	100.677	0.50	100.0	4.370	96.3 75 125 99.99 0.687 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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 ELAP Cert 2921
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 California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
 P: 562.219.7435 F: 562.219.7436
 www.assetlaboratories.com

Page 1 of 2

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400, Concord, CA 94520		Excel EDD		RTNE		1. Chilled	
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address:		GeoTracker		RWQCB		2. Headspace	
Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		LabSpec		CalTrans		3. Container Intact	
Submitted By: Josh Alessi		Phone: 1 916 865 3168		Phone: 951.677.0577		Others		LEVEL III		4. Seal Present	
Title: Field Tech		Fax:		Fax:		Specify: EQ EDD		LEVEL IV		5. IR number	
Signature: [Signature]		Sampled By: [Signature]		P.O.#		Global ID:		Regulatory		6. Method of Cooling:	
Date: 4-5-21		Signature: [Signature]		Date: 04/05/21				Specify State:		Sample Temp: 11.9°C	
Project Name: PG&E Hinkley - GMP		Signature: [Signature]		Date: 04/05/21						Courier: ASSET	
Project Number: 30046045										Tracking No.:	

Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C; 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (602DAFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6010BDE) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (602DAFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (602DAFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (8015B) 3x1 Liter Amber Glass, 4°C	TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks
	N044844-01	MW-156S-Q221	4/5/2021	1038		X									X								E 2		
	-02	MW-157S-Q221	4/5/2021	1120		X									X								E 2		
	-03	MW-220D-Q221	4/5/2021	1220		X	X				X	X	X	X	X								E 6		
	-04	MW-921-Q221	4/5/2021	1230		X	X				X	X	X	X	X								E 6		
	-05	MW-220S-Q221	4/5/2021	1311		X	X		X			X	X	X	X								E 4		
	-06	MW-922-Q221	4/5/2021	1321		X	X		X			X	X	X	X								E 4		
	-07	MW-136S1-Q221	4/5/2021	1025		X									X								E 2		
	-08	MW-128S1-Q221	4/5/2021	1427		X									X								E 2		
	-09	MW-128S2-Q221	4/5/2021	1346		X									X								E 2		
	-10	MW-128S3-Q221	4/5/2021	1307		X									X								E 2		

Relinquished by (Signature and Printed Name): [Signature] 4-5-21 1535	Date/Time: 4/5/21 1535	Relinquished by (Signature and Printed Name): [Signature] 4/5/21 1535	Date/Time: 4/5/21 1535	Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.	Special Instruction:
Relinquished by (Signature and Printed Name): [Signature] 4/5/21 1535	Date/Time: 4/5/21 1535	Relinquished by (Signature and Printed Name): [Signature] 4/5/21 1535	Date/Time: 4/5/21 1535		
Relinquished by (Signature and Printed Name): [Signature] 4/5/21 1535	Date/Time: 4/5/21 1535	Relinquished by (Signature and Printed Name): [Signature] 4/5/21 1535	Date/Time: 4/5/21 1535		

Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20% 3. Custom EDD formats will be an additional 5% of the total project price. 4. Add 50% surcharges for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on total.				5. Trip Blank and Equipment Blank are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.			
Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH				Container Type: T=Tube V=VOA P=Plint J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can			



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Page 2 of 2

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 California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
 P: 562.219.7435 F: 562.219.7436
 www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition															
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled															
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address:		Geotracker		RWQCB		2. Headspace															
Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		LabSpec		CalTrans		3. Container Intact															
Submitted By: Brian Martinez		Phone: 1 916 865 3168		Phone: 951.677.0577		Others		LEVEL III		4. Seal Present															
Title: Field Tech		Fax:		Fax:		Specify: EQ EDD		LEVEL IV		5. IR number															
Signature: <i>[Signature]</i> Date: 4/15/21		Sampled By: <i>[Signature]</i> Date: 4/15/21		P.O.#		Global ID:		Regulatory		6. Method of Cooling:															
Project Name: PG&E Hinkley - GMP		Signature: <i>[Signature]</i> Date: 4/15/21						Specify State:		Sample Temp: 3.1/3.9°C / 1.4°C															
Project Number: 30048045										Courier: 23°C															
										Tracking No.:															
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C; 250 ml Poly	Antions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E800); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3x400 ml VOA	Metals Dissolved (E6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E6010BDis) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (8015B) 3x1 Liter Amber Glass, 4°C	TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks
	N044844-11	MW-123S1-Q221	4/5/2021	1353		X	X	X								X							E 3		
	-12	MW-123S2-Q221	4/5/2021	1428		X	X	X								X	X						E 4		
	-13	MW-916-Q221	4/5/2021	1438		X	X	X								X	X						E 4		
	-14	MW-111D-Q221	4/5/2021	1142			X	X									X						E 3		
	-15	MW-111S1-Q221	4/5/2021	1223		X	X	X								X	X						E 4		MS/MSD
	-16	MW-111S2-Q221	4/5/2021	1256			X	X									X						E 3		MS/MSD
	-17	MW-113S1-Q221	4/5/2021	1029		X										X							E 2		
	-18	MW-191D2-Q221	4/5/2021	1440		X										X							E 2		
	-19	MW-191D3-Q221	4/5/2021	1445		X										X							E 2		

Relinquished by (Signature and Printed Name): *[Signature]* Date/Time: 4/15/21 1535

Relinquished by (Signature and Printed Name): *[Signature]* Date/Time: 4/15/21 1813

Relinquished by (Signature and Printed Name): *[Signature]* Date/Time: 4/15/21 1813

Turn Around Time (TAT)

☐ A < 24 Hrs or Same Day TAT

☐ B = Next Workday

☐ C = 2 Workdays

☐ D = 3 Workdays

☒ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

Special Instruction:

Preservatives:

H=HCL N=HNO3 S=H2SO4 C=4°C

Z=Zn(AC)2 O=NaOH T=Na2S2O3

Others/Specify: B (NH4)2SO4/NH4OH

Container Type:

T=Tube V=VOA P=Pin

J=Jar B=Tedlar G=Glass

M=Metal M=Metal C=Can

Terms

1. All samples will be disposed in 45 days and records will be destroyed in 6 years upon submission of final report.

2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis

Less than 24 Hrs <200% Next Day=100% 3 Workdays=50% 4 Workdays=35% 5 Workdays=20%

3. Custom EDD formats will be an additional 3% of the total project price.

4. Add 10% surcharges for 1 up to 10 Data Packages, 15% for 11 to 20 Data Packages, 20% for 21 to 30 Data Packages, 25% for 31 to 40 Data Packages, 30% for 41 to 50 Data Packages, 35% for 51 to 60 Data Packages, 40% for 61 to 70 Data Packages, 45% for 71 to 80 Data Packages, 50% for 81 to 90 Data Packages, 55% for 91 to 100 Data Packages, 60% for 101 to 110 Data Packages, 65% for 111 to 120 Data Packages, 70% for 121 to 130 Data Packages, 75% for 131 to 140 Data Packages, 80% for 141 to 150 Data Packages, 85% for 151 to 160 Data Packages, 90% for 161 to 170 Data Packages, 95% for 171 to 180 Data Packages, 100% for 181 to 190 Data Packages, 105% for 191 to 200 Data Packages, 110% for 201 to 210 Data Packages, 115% for 211 to 220 Data Packages, 120% for 221 to 230 Data Packages, 125% for 231 to 240 Data Packages, 130% for 241 to 250 Data Packages, 135% for 251 to 260 Data Packages, 140% for 261 to 270 Data Packages, 145% for 271 to 280 Data Packages, 150% for 281 to 290 Data Packages, 155% for 291 to 300 Data Packages, 160% for 301 to 310 Data Packages, 165% for 311 to 320 Data Packages, 170% for 321 to 330 Data Packages, 175% for 331 to 340 Data Packages, 180% for 341 to 350 Data Packages, 185% for 351 to 360 Data Packages, 190% for 361 to 370 Data Packages, 195% for 371 to 380 Data Packages, 200% for 381 to 390 Data Packages, 205% for 391 to 400 Data Packages, 210% for 401 to 410 Data Packages, 215% for 411 to 420 Data Packages, 220% for 421 to 430 Data Packages, 225% for 431 to 440 Data Packages, 230% for 441 to 450 Data Packages, 235% for 451 to 460 Data Packages, 240% for 461 to 470 Data Packages, 245% for 471 to 480 Data Packages, 250% for 481 to 490 Data Packages, 255% for 491 to 500 Data Packages, 260% for 501 to 510 Data Packages, 265% for 511 to 520 Data Packages, 270% for 521 to 530 Data Packages, 275% for 531 to 540 Data Packages, 280% for 541 to 550 Data Packages, 285% for 551 to 560 Data Packages, 290% for 561 to 570 Data Packages, 295% for 571 to 580 Data Packages, 300% for 581 to 590 Data Packages, 305% for 591 to 600 Data Packages, 310% for 601 to 610 Data Packages, 315% for 611 to 620 Data Packages, 320% for 621 to 630 Data Packages, 325% for 631 to 640 Data Packages, 330% for 641 to 650 Data Packages, 335% for 651 to 660 Data Packages, 340% for 661 to 670 Data Packages, 345% for 671 to 680 Data Packages, 350% for 681 to 690 Data Packages, 355% for 691 to 700 Data Packages, 360% for 701 to 710 Data Packages, 365% for 711 to 720 Data Packages, 370% for 721 to 730 Data Packages, 375% for 731 to 740 Data Packages, 380% for 741 to 750 Data Packages, 385% for 751 to 760 Data Packages, 390% for 761 to 770 Data Packages, 395% for 771 to 780 Data Packages, 400% for 781 to 790 Data Packages, 405% for 791 to 800 Data Packages, 410% for 801 to 810 Data Packages, 415% for 811 to 820 Data Packages, 420% for 821 to 830 Data Packages, 425% for 831 to 840 Data Packages, 430% for 841 to 850 Data Packages, 435% for 851 to 860 Data Packages, 440% for 861 to 870 Data Packages, 445% for 871 to 880 Data Packages, 450% for 881 to 890 Data Packages, 455% for 891 to 900 Data Packages, 460% for 901 to 910 Data Packages, 465% for 911 to 920 Data Packages, 470% for 921 to 930 Data Packages, 475% for 931 to 940 Data Packages, 480% for 941 to 950 Data Packages, 485% for 951 to 960 Data Packages, 490% for 961 to 970 Data Packages, 495% for 971 to 980 Data Packages, 500% for 981 to 990 Data Packages, 505% for 991 to 1000 Data Packages, 510% for 1001 to 1010 Data Packages, 515% for 1011 to 1020 Data Packages, 520% for 1021 to 1030 Data Packages, 525% for 1031 to 1040 Data Packages, 530% for 1041 to 1050 Data Packages, 535% for 1051 to 1060 Data Packages, 540% for 1061 to 1070 Data Packages, 545% for 1071 to 1080 Data Packages, 550% for 1081 to 1090 Data Packages, 555% for 1091 to 1100 Data Packages, 560% for 1101 to 1110 Data Packages, 565% for 1111 to 1120 Data Packages, 570% for 1121 to 1130 Data Packages, 575% for 1131 to 1140 Data Packages, 580% for 1141 to 1150 Data Packages, 585% for 1151 to 1160 Data Packages, 590% for 1161 to 1170 Data Packages, 595% for 1171 to 1180 Data Packages, 600% for 1181 to 1190 Data Packages, 605% for 1191 to 1200 Data Packages, 610% for 1201 to 1210 Data Packages, 615% for 1211 to 1220 Data Packages, 620% for 1221 to 1230 Data Packages, 625% for 1231 to 1240 Data Packages, 630% for 1241 to 1250 Data Packages, 635% for 1251 to 1260 Data Packages, 640% for 1261 to 1270 Data Packages, 645% for 1271 to 1280 Data Packages, 650% for 1281 to 1290 Data Packages, 655% for 1291 to 1300 Data Packages, 660% for 1301 to 1310 Data Packages, 665% for 1311 to 1320 Data Packages, 670% for 1321 to 1330 Data Packages, 675% for 1331 to 1340 Data Packages, 680% for 1341 to 1350 Data Packages, 685% for 1351 to 1360 Data Packages, 690% for 1361 to 1370 Data Packages, 695% for 1371 to 1380 Data Packages, 700% for 1381 to 1390 Data Packages, 705% for 1391 to 1400 Data Packages, 710% for 1401 to 1410 Data Packages, 715% for 1411 to 1420 Data Packages, 720% for 1421 to 1430 Data Packages, 725% for 1431 to 1440 Data Packages, 730% for 1441 to 1450 Data Packages, 735% for 1451 to 1460 Data Packages, 740% for 1461 to 1470 Data Packages, 745% for 1471 to 1480 Data Packages, 750% for 1481 to 1490 Data Packages, 755% for 1491 to 1500 Data Packages, 760% for 1501 to 1510 Data Packages, 765% for 1511 to 1520 Data Packages, 770% for 1521 to 1530 Data Packages, 775% for 1531 to 1540 Data Packages, 780% for 1541 to 1550 Data Packages, 785% for 1551 to 1560 Data Packages, 790% for 1561 to 1570 Data Packages, 795% for 1571 to 1580 Data Packages, 800% for 1581 to 1590 Data Packages, 805% for 1591 to 1600 Data Packages, 810% for 1601 to 1610 Data Packages, 815% for 1611 to 1620 Data Packages, 820% for 1621 to 1630 Data Packages, 825% for 1631 to 1640 Data Packages, 830% for 1641 to 1650 Data Packages, 835% for 1651 to 1660 Data Packages, 840% for 1661 to 1670 Data Packages, 845% for 1671 to 1680 Data Packages, 850% for 1681 to 1690 Data Packages, 855% for 1691 to 1700 Data Packages, 860% for 1701 to 1710 Data Packages, 865% for 1711 to 1720 Data Packages, 870% for 1721 to 1730 Data Packages, 875% for 1731 to 1740 Data Packages, 880% for 1741 to 1750 Data Packages, 885% for 1751 to 1760 Data Packages, 890% for 1761 to 1770 Data Packages, 895% for 1771 to 1780 Data Packages, 900% for 1781 to 1790 Data Packages, 905% for 1791 to 1800 Data Packages, 910% for 1801 to 1810 Data Packages, 915% for 1811 to 1820 Data Packages, 920% for 1821 to 1830 Data Packages, 925% for 1831 to 1840 Data Packages, 930% for 1841 to 1850 Data Packages, 935% for 1851 to 1860 Data Packages, 940% for 1861 to 1870 Data Packages, 945% for 1871 to 1880 Data Packages, 950% for 1881 to 1890 Data Packages, 955% for 1891 to 1900 Data Packages, 960% for 1901 to 1910 Data Packages, 965% for 1911 to 1920 Data Packages, 970% for 1921 to 1930 Data Packages, 975% for 1931 to 1940 Data Packages, 980% for 1941 to 1950 Data Packages, 985% for 1951 to 1960 Data Packages, 990% for 1961 to 1970 Data Packages, 995% for 1971 to 1980 Data Packages, 1000% for 1981 to 1990 Data Packages, 1005% for 1991 to 2000 Data Packages, 1010% for 2001 to 2010 Data Packages, 1015% for 2011 to 2020 Data Packages, 1020% for 2021 to 2030 Data Packages, 1025% for 2031 to 2040 Data Packages, 1030% for 2041 to 2050 Data Packages, 1035% for 2051 to 2060 Data Packages, 1040% for 2061 to 2070 Data Packages, 1045% for 2071 to 2080 Data Packages, 1050% for 2081 to 2090 Data Packages, 1055% for 2091 to 2100 Data Packages, 1060% for 2101 to 2110 Data Packages, 1065% for 2111 to 2120 Data Packages, 1070% for 2121 to 2130 Data Packages, 1075% for 2131 to 2140 Data Packages, 1080% for 2141 to 2150 Data Packages, 1085% for 2151 to 2160 Data Packages, 1090% for 2161 to 2170 Data Packages, 1095% for 2171 to 2180 Data Packages, 1100% for 2181 to 2190 Data Packages, 1105% for 2191 to 2200 Data Packages, 1110% for 2201 to 2210 Data Packages, 1115% for 2211 to 2220 Data Packages, 1120% for 2221 to 2230 Data Packages, 1125% for 2231 to 2240 Data Packages, 1130% for 2241 to 2250 Data Packages, 1135% for 2251 to 2260 Data Packages, 1140% for 2261 to 2270 Data Packages, 1145% for 2271 to 2280 Data Packages, 1150% for 2281 to 2290 Data Packages, 1155% for 2291 to 2300 Data Packages, 1160% for 2301 to 2310 Data Packages, 1165% for 2311 to 2320 Data Packages, 1170% for 2321 to 2330 Data Packages, 1175% for 2331 to 2340 Data Packages, 1180% for 2341 to 2350 Data Packages, 1185% for 2351 to 2360 Data Packages, 1190% for 2361 to 2370 Data Packages, 1195% for 2371 to 2380 Data Packages, 1200% for 2381 to 2390 Data Packages, 1205% for 2391 to 2400 Data Packages, 1210% for 2401 to 2410 Data Packages, 1215% for 2411 to 2420 Data Packages, 1220% for 2421 to 2430 Data Packages, 1225% for 2431 to 2440 Data Packages, 1230% for 2441 to 2450 Data Packages, 1235% for 2451 to 2460 Data Packages, 1240% for 2461 to 2470 Data Packages, 1245% for 2471 to 2480 Data Packages, 1250% for 2481 to 2490 Data Packages, 1255% for 2491 to 2500 Data Packages, 1260% for 2501 to 2510 Data Packages, 1265% for 2511 to 2520 Data Packages, 1270% for 2521 to 2530 Data Packages, 1275% for 2531 to 2540 Data Packages, 1280% for 2541 to 2550 Data Packages, 1285% for 2551 to 2560 Data Packages, 1290% for 2561 to 2570 Data Packages, 1295% for 2571 to 2580 Data Packages, 1300% for 2581 to 2590 Data Packages, 1305% for 2591 to 2600 Data Packages, 1310% for 2601 to 2610 Data Packages, 1315% for 2611 to 2620 Data Packages, 1320% for 2621 to 2630 Data Packages, 1325% for 2631 to 2640 Data Packages, 1330% for 2641 to 2650 Data Packages, 1335% for 2651 to 2660 Data Packages, 1340% for 2661 to 2670 Data Packages, 1345% for 2671 to 2680 Data Packages, 1350% for 2681 to 2690 Data Packages, 1355% for 2691 to 2700 Data Packages, 1360% for 2701 to 2710 Data Packages, 1365% for 2711 to 2720 Data Packages, 1370% for 2721 to 2730 Data Packages, 1375% for 2731 to 2740 Data Packages, 1380% for 2741 to 2750 Data Packages, 1385% for 2751 to 2760 Data Packages, 1390% for 2761 to 2770 Data Packages, 1395% for 2771 to 2780 Data Packages, 1400% for 2781 to 2790 Data Packages, 1405% for 2791 to 2800 Data Packages, 1410% for 2801 to 2810 Data Packages, 1415% for 2811 to 2820 Data Packages, 1420% for 2821 to 2830 Data Packages, 1425% for 2831 to 2840 Data Packages, 1430% for 2841 to 2850 Data Packages, 1435% for 2851 to 2860 Data Packages, 1440% for 2861 to 2870 Data Packages, 1445% for 2871 to 2880 Data Packages, 1450% for 2881 to 2890 Data Packages, 1455% for 2891 to 2900 Data Packages, 1460% for 2901 to 2910 Data Packages, 1465% for 2911 to 2920 Data Packages, 1470% for 2921 to 2930 Data Packages, 1475% for 2931 to 2940 Data Packages, 1480% for 2941 to 2950 Data Packages, 1485% for 2951 to 2960 Data Packages, 1490% for 2961 to 2970 Data Packages, 1495% for 2971 to 2980 Data Packages, 1500% for 2981 to 2990 Data Packages, 1505% for 2991 to 3000 Data Packages, 1510% for 3001 to 3010 Data Packages, 1515% for 3011 to 3020 Data Packages, 1520% for 3021 to 3030 Data Packages, 1525% for 3031 to 3040 Data Packages, 1530% for 3041 to 3050 Data Packages, 1535% for 3051 to 3060 Data Packages, 1540% for 3061 to 3070 Data Packages, 1545% for 3071 to 3080 Data Packages, 1550% for 3081 to 3090 Data Packages, 1555% for 3091 to 3100 Data Packages, 1560% for 3101 to 3110 Data Packages, 1565% for 3111 to 3120 Data Packages, 1570% for 3121 to 3130 Data Packages, 1575% for 3131 to 3140 Data Packages, 1580% for 3141 to 3150 Data Packages, 1585% for 3151 to 3160 Data Packages, 1590% for 3161 to 3170 Data Packages, 1595% for 3171 to 3180 Data Packages, 1600% for 3181 to 3190 Data Packages, 1605% for 3191 to 3200 Data Packages, 1610% for 3201 to 3210 Data Packages, 1615% for 3211 to 3220 Data Packages, 1620% for 3221 to 3230 Data Packages, 1625% for 3231 to 3240 Data Packages, 1630% for 3241 to 3250 Data Packages, 1635% for 3251 to 3260 Data Packages, 1640% for 3261 to 3270 Data Packages, 1645% for 3271 to 3280 Data Packages, 1650% for 3281 to 3290 Data Packages, 1655% for 3291 to 3300 Data Packages, 1660% for 3301 to 3310 Data Packages, 1665% for 3311 to 3320 Data Packages, 1670% for 3321 to 3330 Data Packages, 1675% for 3331 to 3340 Data Packages, 1680% for 3341 to 3350 Data Packages, 1685% for 3351 to 3360 Data Packages, 1690% for 3361 to 3370 Data Packages, 1695% for 3371 to 3380 Data Packages, 1700% for 3381 to 3390 Data Packages, 1705% for 3391 to 3400 Data Packages, 1710% for 3401 to 3410 Data Packages, 1715% for 3411 to 3420 Data Packages, 1720% for 3421 to 3430 Data Packages, 1725% for 3431 to 3440 Data Packages, 1730% for 3441 to 3450 Data Packages, 1735% for 3451 to 3460 Data Packages, 1740% for 3461 to 3470 Data Packages, 1745% for 3471 to 3480 Data Packages, 1750% for 3481 to 3490 Data Packages, 1755% for 3491 to 3500 Data Packages, 1760% for 3501 to 3510 Data Packages, 1765% for 3511 to 3520 Data Packages, 1770% for 3521 to 3530 Data Packages, 1775% for 3531 to 3540 Data Packages, 1780% for 3541 to 3550 Data Packages, 1785% for 3551 to 3560 Data Packages, 1790% for 3561 to 3570 Data Packages, 1795% for 3571 to 3580 Data Packages, 1800% for 3581 to 3590 Data Packages, 1805% for 3591 to 3600 Data Packages, 1810% for 3601 to 3610 Data Packages, 1815% for 3611 to 3620 Data Packages, 1820% for 3621 to 3630 Data Packages, 1825% for 3631 to 3640 Data Packages, 1830% for 3641 to 3650 Data Packages, 1835% for 3651 to 3660 Data Packages, 1840% for 3661 to 3670 Data Packages, 1845% for 3671 to 3680 Data Packages, 1850% for 3681 to 3690 Data Packages, 1855% for 3691 to 3700 Data Packages, 1860% for 3701 to 3710 Data Packages, 1865% for 3711 to 3720 Data Packages, 1870% for 3721 to 3730 Data Packages, 1875% for 3731 to 3740 Data Packages, 1880% for 3741 to 3750 Data Packages, 1885% for 3751 to 3760 Data Packages, 1890% for 3761 to 3770 Data Packages, 1895% for 3771 to 3780 Data Packages, 1900% for 3781 to 3790 Data Packages, 1905% for 3791 to 3800 Data Packages, 1910% for 3801 to 3810 Data Packages, 1915% for 3811 to 3820 Data Packages, 1920% for 3821 to 3830 Data Packages, 1925% for 3831 to 3840 Data Packages, 1930% for 3841 to 3850 Data Packages, 1935% for 3851 to 3860 Data Packages, 1940% for 3861 to 3870 Data Packages, 1945% for 3871 to 3880 Data Packages, 1950% for 3881 to 3890 Data Packages, 1955% for 3891 to 3900 Data Packages, 1960% for 3901 to 3910 Data Packages, 1965% for 3911 to 3920 Data Packages, 1970% for 3921 to 3930 Data Packages, 1975% for 3931 to 3940 Data Packages, 1980% for 3941 to 3950 Data Packages, 1985% for 3951 to 3960 Data Packages, 1990% for 3961 to 3970 Data Packages, 1995% for 3971 to 3980 Data Packages, 2000% for 3981 to 3990 Data Packages, 2005% for 3991 to 4000 Data Packages, 2010% for 4001 to 4010 Data Packages, 2015% for 4011 to 4020 Data Packages, 2020% for 4021 to 4030 Data Packages, 2025% for 4031 to 4040 Data Packages, 2030% for 4041 to 4050 Data Packages, 2035% for 4051 to 4060 Data Packages, 2040% for 4061 to 4070 Data Packages, 2045% for 4071 to 4080 Data Packages, 2050% for 4081 to 4090 Data Packages, 2055% for 4091 to 4

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/5/2021 Workorder: N044844
 Rep sample Temp (Deg C): 3.1/3.9/1.4/2.3 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YR 4/6/2021

Reviewed By: ABC 4/7/2021

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044844

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044844-001A	MW-156S-Q221	4/5/2021 10:38:00 AM	4/19/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-001B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-002A	MW-157S-Q221	4/5/2021 11:20:00 AM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-002B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-003A	MW-220D-Q221	4/5/2021 12:20:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-003B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-003C			4/19/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044844-003D			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-004A	MW-921-Q221	4/5/2021 12:30:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-004B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-004C			4/19/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044844-004D			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044844

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044844-005A	MW-220S-Q221	4/5/2021 1:11:00 PM	4/19/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-005B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-005C			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044844-005D			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-006A	MW-922-Q221	4/5/2021 1:21:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-006B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-006C			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044844-006D			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-007A	MW-136S1-Q221	4/5/2021 10:25:00 AM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-007B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-008A	MW-128S1-Q221	4/5/2021 2:27:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044844

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044844-008B	MW-128S1-Q221	4/5/2021 2:27:00 PM	4/19/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-009A	MW-128S2-Q221	4/5/2021 1:46:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-009B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-010A	MW-128S3-Q221	4/5/2021 1:07:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-010B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-011A	MW-123S1-Q221	4/5/2021 1:53:00 PM	4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-011B			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044844-011C			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-012A	MW-123S2-Q221	4/5/2021 2:28:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-012B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-012C			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044844-012D			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-013A	MW-916-Q221	4/5/2021 2:38:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044844

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044844-013B	MW-916-Q221	4/5/2021 2:38:00 PM	4/19/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-013C			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044844-013D			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-014A	MW-111D-Q221	4/5/2021 11:42:00 AM	4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-014B			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044844-014C			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-015A	MW-111S1-Q221	4/5/2021 12:23:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044844-015B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044844-015C			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LSR
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LSR
N044844-015D			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044844-016A	MW-111S2-Q221	4/5/2021 12:56:00 PM	4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044844-016B			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LSR

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044844

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044844-016B	MW-111S2-Q221	4/5/2021 12:56:00 PM	4/19/2021	Groundwater		Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LSR
N044844-016C			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044844-017A	MW-113S1-Q221	4/5/2021 10:29:00 AM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-017B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-018A	MW-191D2-Q221	4/5/2021 2:40:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-018B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-019A	MW-191D3-Q221	4/5/2021 2:45:00 PM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-019B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044844-020A	FOLDER	4/19/2021	4/19/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/19/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/19/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 19, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044845

RE: PG&E Hinkley - COMP B, 30046045

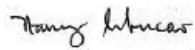
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 05, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044845

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.5 ug/L) and hexavalent chromium (0.50 ug/L) for sample N044845-003 (MW-67B-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries biased high for Orthophosphate, Dissolved (as P) in QC samples N044845-001BMS and N044845-001BMSD. Samples were none-detect (ND) for this analyte therefore, reanalysis of the samples was not necessary. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.5 ug/L) and hexavalent chromium (0.50 ug/L) for sample N044845-003 (MW-67B-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.6 and 1.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 19-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044845
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044845-001A	SA-MW-16D-Q221	Groundwater	4/5/2021 12:19:00 PM	4/5/2021	4/19/2021
N044845-001B	SA-MW-16D-Q221	Groundwater	4/5/2021 12:19:00 PM	4/5/2021	4/19/2021
N044845-001C	SA-MW-16D-Q221	Groundwater	4/5/2021 12:19:00 PM	4/5/2021	4/19/2021
N044845-001D	SA-MW-16D-Q221	Groundwater	4/5/2021 12:19:00 PM	4/5/2021	4/19/2021
N044845-002A	SA-MW-16S-Q221	Groundwater	4/5/2021 1:08:00 PM	4/5/2021	4/19/2021
N044845-002B	SA-MW-16S-Q221	Groundwater	4/5/2021 1:08:00 PM	4/5/2021	4/19/2021
N044845-002C	SA-MW-16S-Q221	Groundwater	4/5/2021 1:08:00 PM	4/5/2021	4/19/2021
N044845-002D	SA-MW-16S-Q221	Groundwater	4/5/2021 1:08:00 PM	4/5/2021	4/19/2021
N044845-003A	MW-67B-Q221	Groundwater	4/5/2021 2:21:00 PM	4/5/2021	4/19/2021
N044845-003B	MW-67B-Q221	Groundwater	4/5/2021 2:21:00 PM	4/5/2021	4/19/2021
N044845-003C	MW-67B-Q221	Groundwater	4/5/2021 2:21:00 PM	4/5/2021	4/19/2021
N044845-003D	MW-67B-Q221	Groundwater	4/5/2021 2:21:00 PM	4/5/2021	4/19/2021
N044845-004A	SA-MW-28D-Q221	Groundwater	4/5/2021 11:28:00 AM	4/5/2021	4/19/2021
N044845-004B	SA-MW-28D-Q221	Groundwater	4/5/2021 11:28:00 AM	4/5/2021	4/19/2021
N044845-004C	SA-MW-28D-Q221	Groundwater	4/5/2021 11:28:00 AM	4/5/2021	4/19/2021
N044845-004D	SA-MW-28D-Q221	Groundwater	4/5/2021 11:28:00 AM	4/5/2021	4/19/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-001

Client Sample ID: SA-MW-16D-Q221
Collection Date: 4/5/2021 12:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.0	0.033	0.20		µg/L	1	4/6/2021 03:19 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	1.1	0.13	1.0		µg/L	1	4/6/2021 01:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-002

Client Sample ID: SA-MW-16S-Q221
Collection Date: 4/5/2021 1:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210406A	QC Batch: R151902		PrepDate:		Analyst: RAB		
Hexavalent Chromium	210	0.66	4.0		µg/L	20	4/6/2021 03:29 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210408A	QC Batch: 86949		PrepDate: 4/6/2021		Analyst: CEI		
Chromium	210	0.65	5.0		µg/L	5	4/8/2021 08:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-003

Client Sample ID: MW-67B-Q221
Collection Date: 4/5/2021 2:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.50	0.033	0.20		µg/L	1	4/6/2021 03:38 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949		PrepDate: 4/6/2021		Analyst: CEI		
Chromium	1.5	0.13	1.0		µg/L	1	4/6/2021 01:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-004

Client Sample ID: SA-MW-28D-Q221
Collection Date: 4/5/2021 11:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/6/2021 03:48 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	2.6	0.13	1.0		µg/L	1	4/6/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R151902	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: PBW	Batch ID: R151902	TestNo: EPA 218.6		Analysis Date: 4/6/2021	SeqNo: 4166618
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R151902	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: LCSW	Batch ID: R151902	TestNo: EPA 218.6		Analysis Date: 4/6/2021	SeqNo: 4166619
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.065	0.20	5.000	0	101 90 110

Sample ID N044847-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6		Analysis Date: 4/6/2021	SeqNo: 4166621
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.765	0.20	1.000	0.7184	105 90 110

Sample ID N044847-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6		Analysis Date: 4/6/2021	SeqNo: 4166623
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.984	0.20	1.000	0.9415	104 90 110

Sample ID N044847-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6		Analysis Date: 4/6/2021	SeqNo: 4166625
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.850	0.20	1.000	0.8295	102 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166627						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.349	0.20	1.000	1.322	103	90	110				
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Sample ID	N044847-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166631						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.410	0.20	1.000	1.397	101	90	110				
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Sample ID	N044847-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166632						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.063	0.20	1.000	0.9848	108	90	110				
---------------------	-------	------	-------	--------	-----	----	-----	--	--	--	--

Sample ID	N044847-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166634						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.022	0.20	1.000	1.008	101	90	110				
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Sample ID	N044847-008AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166636						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.036	0.20	1.000	0	104	90	110				
---------------------	-------	------	-------	---	-----	----	-----	--	--	--	--

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-009AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166638		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.025	0.20	1.000	0	103	90	110				
---------------------	-------	------	-------	---	-----	----	-----	--	--	--	--

Sample ID	N044847-010AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166642		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.042	0.20	1.000	0	104	90	110				
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Sample ID	N044847-011AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166644		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.040	0.20	1.000	0	104	90	110				
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Sample ID	N044847-012AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166646		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.065	0.20	1.000	0	106	90	110				
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Sample ID	N044847-003AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.878	0.20	1.000	0.8295	105	90	110	1.850	1.52	20	
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-006ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902			
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166654			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		0.979		0.20							0.9848	0.580	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86949	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	PBW	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167301			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-86949	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	LCSW	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167302			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.370	1.0	10.00	0	104	85	115							
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Sample ID	N044798-001A-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881		
Client ID:	ZZZZZZ	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167306		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.127	1.0	10.00	0.8674	92.6	75	125							
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Sample ID	N044798-001A-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	ZZZZZZ	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167307			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.136	1.0	10.00	0.8674	92.7	75	125	10.13	0.0817	20				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-001

Client Sample ID: SA-MW-16D-Q221
Collection Date: 4/5/2021 12:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/6/2021 09:27 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887			PrepDate:		Analyst: RAB
Nitrate as N	0.56	0.017	0.10	mg/L	2	4/6/2021 09:27 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-002

Client Sample ID: SA-MW-16S-Q221
Collection Date: 4/5/2021 1:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887						Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.093	0.10		mg/L	1	4/6/2021 09:43 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887						Analyst: RAB
Nitrate as N	2.4	0.044	0.25		mg/L	5	4/6/2021 03:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-003

Client Sample ID: MW-67B-Q221
Collection Date: 4/5/2021 2:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	0.20 0.0087 0.050	mg/L	1 4/6/2021 09:58 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-004

Client Sample ID: SA-MW-28D-Q221
Collection Date: 4/5/2021 11:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	0.23 0.017 0.10	mg/L	2 4/6/2021 10:13 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID MB-R151887_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 151887
Client ID: PBW	Batch ID: R151887	TestNo: EPA 300.0		Analysis Date: 4/6/2021	SeqNo: 4172689
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	ND	0.10			

Sample ID LCS-R151887_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 151887
Client ID: LCSW	Batch ID: R151887	TestNo: EPA 300.0		Analysis Date: 4/6/2021	SeqNo: 4172690
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	1.279	0.10	1.250	0	102 90 110

Sample ID N044845-001BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 151887
Client ID: ZZZZZZ	Batch ID: R151887	TestNo: EPA 300.0		Analysis Date: 4/6/2021	SeqNo: 4172693
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	3.901	0.20	2.500	0	156 80 120 S

Sample ID N044845-001BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 151887
Client ID: ZZZZZZ	Batch ID: R151887	TestNo: EPA 300.0		Analysis Date: 4/6/2021	SeqNo: 4172694
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	4.324	0.20	2.500	0	173 80 120 3.901 10.3 20 S

Sample ID N044845-001BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 151887
Client ID: ZZZZZZ	Batch ID: R151887	TestNo: EPA 300.0		Analysis Date: 4/6/2021	SeqNo: 4172695
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	ND	0.20			0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	MB-R151887_NO3	SampType:	MBLK	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	PBW	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172706			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 0.023 0.050

Sample ID	LCS-R151887_NO3	SampType:	LCS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	LCSW	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172707			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.247 0.050 1.250 0 99.7 90 110

Sample ID	N044845-001BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172712			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 0.570 0.10 0.5564 2.38 20

Sample ID	N044845-002BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172730		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 8.479 0.25 6.250 2.380 97.6 80 120

Sample ID	N044844-015BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172731			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 3.338 0.10 2.500 0.7540 103 80 120

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044844-015BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172732		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.275	0.10	2.500	0.7540	101	80	120	3.338	1.90	20
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Sample ID	N044844-016AMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172733		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.488	0.10	2.500	0.9604	101	80	120
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Sample ID	N044844-016AMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172734		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.486	0.10	2.500	0.9604	101	80	120	3.488	0.0631	20
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-001

Client Sample ID: SA-MW-16D-Q221
Collection Date: 4/5/2021 12:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 02:55 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-002

Client Sample ID: SA-MW-16S-Q221
Collection Date: 4/5/2021 1:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 03:10 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-003

Client Sample ID: MW-67B-Q221
Collection Date: 4/5/2021 2:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 03:26 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-004

Client Sample ID: SA-MW-28D-Q221
Collection Date: 4/5/2021 11:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 03:41 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID MB-R152019	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: PBW	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171851
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID LCS-R152019	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: LCSW	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171852
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.662	1.0	5.000	0	93.2 85 115

Sample ID N044844-003CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: ZZZZZZ	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171854
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.724	1.0	5.000	0.3281	87.9 75 125

Sample ID N044844-003CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: ZZZZZZ	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171855
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.755	1.0	5.000	0.3281	88.5 75 125 4.724 0.652 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-001

Client Sample ID: SA-MW-16D-Q221
Collection Date: 4/5/2021 12:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate: 4/6/2021		Analyst: DJ
Iron	ND	18	20	ug/L	1	4/6/2021 04:21 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-002

Client Sample ID: SA-MW-16S-Q221
Collection Date: 4/5/2021 1:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate: 4/6/2021		Analyst: DJ
Iron	ND	18	20	ug/L	1	4/6/2021 04:25 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-003

Client Sample ID: MW-67B-Q221
Collection Date: 4/5/2021 2:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate: 4/6/2021		Analyst: DJ
Iron	ND	18	20	ug/L	1	4/6/2021 04:29 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-004

Client Sample ID: SA-MW-28D-Q221
Collection Date: 4/5/2021 11:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate: 4/6/2021		Analyst: DJ
Iron	22	18	20	ug/L	1	4/6/2021 04:33 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID MB-86950	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/6/2021	RunNo: 151889
Client ID: PBW	Batch ID: 86950	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/6/2021	SeqNo: 4166018
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID LCS-86950	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/6/2021	RunNo: 151889
Client ID: LCSW	Batch ID: 86950	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/6/2021	SeqNo: 4166019
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	88.900	20	100.0	0	88.9 85 115

Sample ID N044798-001A-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/6/2021	RunNo: 151889
Client ID: ZZZZZZ	Batch ID: 86950	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/6/2021	SeqNo: 4166023
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	93.451	20	100.0	0	93.5 75 125

Sample ID N044798-001A-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/6/2021	RunNo: 151889
Client ID: ZZZZZZ	Batch ID: 86950	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/6/2021	SeqNo: 4166024
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	102.100	20	100.0	0	102 75 125 93.45 8.85 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-001

Client Sample ID: SA-MW-16D-Q221
Collection Date: 4/5/2021 12:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP7_210408A	QC Batch: 86949			PrepDate: 4/6/2021		Analyst: CEI
Arsenic	0.91	0.081	0.10	µg/L	1	4/8/2021 08:42 AM
Manganese	2.2	0.26	0.50	µg/L	1	4/6/2021 01:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-002

Client Sample ID: SA-MW-16S-Q221
Collection Date: 4/5/2021 1:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate: 4/6/2021	Analyst: CEI
Arsenic	3.4	0.081	0.10	µg/L	4/6/2021 01:25 PM
Manganese	0.97	0.26	0.50	µg/L	4/6/2021 01:25 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-003

Client Sample ID: MW-67B-Q221
Collection Date: 4/5/2021 2:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate: 4/6/2021	Analyst: CEI
Arsenic	2.3	0.081	0.10	µg/L	4/6/2021 01:42 PM
Manganese	3.1	0.26	0.50	µg/L	4/6/2021 01:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044845
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044845-004

Client Sample ID: SA-MW-28D-Q221
Collection Date: 4/5/2021 11:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate: 4/6/2021	Analyst: CEI
Arsenic	2.8	0.081	0.10	µg/L	4/6/2021 01:48 PM
Manganese	2.3	0.26	0.50	µg/L	4/6/2021 01:48 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044845
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID MB-86949	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: PBW	Batch ID: 86949	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4165684
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10
Manganese	ND	0.50

Sample ID LCS-86949	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: LCSW	Batch ID: 86949	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4165685
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.327	0.10	10.00	0	103	85	115
Manganese	100.432	0.50	100.0	0	100	85	115

Sample ID N044798-001A-MS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: ZZZZZZ	Batch ID: 86949	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4165689
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.170	0.10	10.00	1.989	91.8	75	125
Manganese	94.867	0.50	100.0	0.4164	94.5	75	125

Sample ID N044798-001A-MSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: ZZZZZZ	Batch ID: 86949	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4165690
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.670	0.10	10.00	1.989	96.8	75	125	11.17	4.37	20
Manganese	95.140	0.50	100.0	0.4164	94.7	75	125	94.87	0.287	20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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www.asseelaboratories.com

1 of 1

Client: Arcadis		Report to: Tonya Russi	Bill to: Lisa Kellogg	EDD Requirement		QA/QC		Sample Receipt Condition																																																										
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis	Address: 2300 Clayton Road, Suite 400 Concord, CA 94520	Excel EDD		RTNE		Y N																																																										
Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678	Email to: lisa.kellogg@arcadis.com	P.O.# PENDING		GeoTracker		RWQCB																																																										
Phone: 1 916 865 3168	Fax:	Phone: 1 916 865 3168	Fax:			Labspec		CalTrans																																																										
Submitted By: Brian Martinez						Others		LEVEL III																																																										
Title: Field Tech						Specify: EQ EDD		LEVEL IV																																																										
						Global ID:		Regulatory																																																										
								Specify State:																																																										
Signature: [Signature]		Date: 4/15/21	Sampled By: Nora Tay					Method of Cooling:																																																										
I hereby authorize ASSET Labs to perform the tests indicated below.								Sample Temp: 1.49/3.1																																																										
Project Name: PG&E Hinkley - COMP B		Signature: [Signature]	Date: 4/15/21					Courier:																																																										
Project Number: 30048045								Tracking No.:																																																										
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	CR(VI) (E218.6)	(NH4)2SO4	SO4	NH4	OH	4°C	250 ml Poly	Antions (E300.0)	NO3N	4°C	1000ml Poly	Ortho-Phosphate (E300.0)	4°C	1000ml Poly	Anions (E300.0)	SO4	4°C	1000ml Poly	TDS (SM2540C)	4°C	1000ml Poly	Gross Alpha (E900)	HNO3	2x1000ml Poly	Gross Beta (E900)	HNO3	2x1000ml Poly	TOC (SM5310)	H2SO4	4°C	3X40 ml VOA	Metals Dissolved (E020AFF)	As	HNO3	4°C	500 ml Poly	Metals Dissolved (E010BDis)	Fe	HNO3	4°C	500 ml Poly	Metals Dissolved (E020AFF)	Mn	HNO3	4°C	500 ml Poly	Metals Dissolved (E020AFF)	Cr	HNO3	4°C	500 ml Poly	Uranium (E200.8FF)	HNO3	4°C	500 ml Poly	Eosine Fluorescein	4°C (blue ice)	50ml Centrifuge tube	Turn Around Time	No. of Container	Remarks
	N044845-01	- SA-MW-16D-Q221	4/5/2021	1214		X	X	X					X	X	X		X	X	X					X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	m	6													
	-02	SA-MW-16S-Q221	4/5/2021	1308		X	X	X					X	X	X		X	X	X					X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	m	6															
	-03	MW-67B-Q221	4/5/2021	1421		X	X						X	X			X	X	X					X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	m	6																	
	-04	SA-MW-28D-Q221	4/5/2021	1128		X	X						X	X			X	X	X					X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	m	6																		

Relinquished by (Signature and Printed Name): [Signature] **Date/Time:** 4/15/21 1535

Relinquished by (Signature and Printed Name): [Signature] **Date/Time:** 4/15/21 1613

Relinquished by (Signature and Printed Name): [Signature] **Date/Time:** 4/15/21 1613

Turn Around Time (TAT)

< 24 Hrs or Same Day TAT

A = Next Workday

B = 2 Workdays

C = 3 Workdays

D = Routine 5-7 Workdays

E

TAT Starts at 8 AM the following day if samples received after 3:00PM.

Special Instruction:

Container Type:

V=VOA P=Pint

J=Jar B=Tedlar G=Glass

M=Metal W=Metal C=C-can

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/6/2021

Workorder: N044845

Rep sample Temp (Deg C): 1.4/3.9

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/6/2021

Reviewed By: ABC 4/6/2021

ASSET Laboratories

WORK ORDER Summary

06-Apr-21

WorkOrder: N044845

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044845-001A	SA-MW-16D-Q221	4/5/2021 12:19:00 PM	4/19/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-001B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-001C			4/19/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044845-001D			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	SA-MW-16S-Q221	4/5/2021 1:08:00 PM	4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-002A			4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-002B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-002C			4/19/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044845-002D			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	MW-67B-Q221	4/5/2021 2:21:00 PM	4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-003A			4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-003B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-003C			4/19/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044845-003D			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

06-Apr-21

WorkOrder: N044845

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044845-003D	MW-67B-Q221	4/5/2021 2:21:00 PM	4/19/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-004A	SA-MW-28D-Q221	4/5/2021 11:28:00 AM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-004B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-004C			4/19/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044845-004D			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044845-005A	FOLDER	4/19/2021	4/19/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/19/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/19/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 19, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044846

RE: PG&E Hinkley - ATU, 30046045

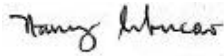
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 05, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044846

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (4.0 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044846-002 (MW-105S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (3.9 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044846-003 (MW-908-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (4.0 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044846-002 (MW-105S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.0 and 3.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (3.9 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044846-003 (MW-908-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.0 and 3.3 ug/L, respectively. Since these data confirmed the



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044846

CASE NARRATIVE

original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 19-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - ATU, 30046045**Lab Order:** N044846**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044846-001A	MW-105D-Q221	Groundwater	4/5/2021 11:19:00 AM	4/5/2021	4/19/2021
N044846-001B	MW-105D-Q221	Groundwater	4/5/2021 11:19:00 AM	4/5/2021	4/19/2021
N044846-001C	MW-105D-Q221	Groundwater	4/5/2021 11:19:00 AM	4/5/2021	4/19/2021
N044846-001D	MW-105D-Q221	Groundwater	4/5/2021 11:19:00 AM	4/5/2021	4/19/2021
N044846-001E	MW-105D-Q221	Groundwater	4/5/2021 11:19:00 AM	4/5/2021	4/19/2021
N044846-002A	MW-105S-Q221	Groundwater	4/5/2021 12:00:00 PM	4/5/2021	4/19/2021
N044846-002B	MW-105S-Q221	Groundwater	4/5/2021 12:00:00 PM	4/5/2021	4/19/2021
N044846-002C	MW-105S-Q221	Groundwater	4/5/2021 12:00:00 PM	4/5/2021	4/19/2021
N044846-002D	MW-105S-Q221	Groundwater	4/5/2021 12:00:00 PM	4/5/2021	4/19/2021
N044846-002E	MW-105S-Q221	Groundwater	4/5/2021 12:00:00 PM	4/5/2021	4/19/2021
N044846-003A	MW-908-Q221	Groundwater	4/5/2021 12:10:00 PM	4/5/2021	4/19/2021
N044846-003B	MW-908-Q221	Groundwater	4/5/2021 12:10:00 PM	4/5/2021	4/19/2021
N044846-003C	MW-908-Q221	Groundwater	4/5/2021 12:10:00 PM	4/5/2021	4/19/2021
N044846-003D	MW-908-Q221	Groundwater	4/5/2021 12:10:00 PM	4/5/2021	4/19/2021
N044846-003E	MW-908-Q221	Groundwater	4/5/2021 12:10:00 PM	4/5/2021	4/19/2021

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-001

Client Sample ID: MW-105D-Q221
Collection Date: 4/5/2021 11:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	260	10	10	mg/L	1	4/6/2021 01:50 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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"Serving Clients with Passion and Professionalism"

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-002

Client Sample ID: MW-105S-Q221
Collection Date: 4/5/2021 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210406F	QC Batch: 86962			PrepDate: 4/6/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	870	10	10	mg/L	1	4/6/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-003

Client Sample ID: MW-908-Q221
Collection Date: 4/5/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210407D	QC Batch: 86981			PrepDate: 4/7/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	860	10	10	mg/L	1	4/7/2021 02:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-86962	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/6/2021	RunNo:	151899			
Client ID:	LCSW	Batch ID:	86962	TestNo:	SM2540C			Analysis Date:	4/6/2021	SeqNo:	4166327			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		978.000		10	1000	0		97.8	80	120				

Sample ID	MB-86962	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/6/2021	RunNo:	151899			
Client ID:	PBW	Batch ID:	86962	TestNo:	SM2540C			Analysis Date:	4/6/2021	SeqNo:	4166328			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N044844-013CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/6/2021	RunNo:	151899			
Client ID:	ZZZZZZ	Batch ID:	86962	TestNo:	SM2540C			Analysis Date:	4/6/2021	SeqNo:	4166334			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		1878.000		20							1882	0.213	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_2540C_W

Sample ID	LCS-86981	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/7/2021	RunNo:	151921
Client ID:	LCSW	Batch ID:	86981	TestNo:	SM2540C			Analysis Date:	4/7/2021	SeqNo:	4167575
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera 978.000 10 1000 0 97.8 80 120

Sample ID	MB-86981	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/7/2021	RunNo:	151921
Client ID:	PBW	Batch ID:	86981	TestNo:	SM2540C			Analysis Date:	4/7/2021	SeqNo:	4167576
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera ND 10

Sample ID	N044857-003ADUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/7/2021	RunNo:	151921
Client ID:	ZZZZZZ	Batch ID:	86981	TestNo:	SM2540C			Analysis Date:	4/7/2021	SeqNo:	4167581
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera 31200.000 500 30700 1.62 5

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-001

Client Sample ID: MW-105D-Q221
Collection Date: 4/5/2021 11:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	1.6 0.056 0.67	pCi/L	1 4/8/2021 11:46 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-002

Client Sample ID: MW-105S-Q221
Collection Date: 4/5/2021 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	22 0.056 0.67	pCi/L	1 4/8/2021 11:52 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-003

Client Sample ID: MW-908-Q221
Collection Date: 4/5/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210408B	QC Batch: 86953	PrepDate: 4/6/2021	Analyst: CEI
Uranium	22 0.056 0.67	pCi/L	1 4/8/2021 11:58 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-86953	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: PBW	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170076
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID LCS-86953	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: LCSW	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170077
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.196	0.67	6.700	0	107 85 115

Sample ID N044844-015DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: ZZZZZZ	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170081
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	13.904	0.67	6.700	6.577	109 75 125

Sample ID N044844-015DMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: ZZZZZZ	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170082
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	13.759	0.67	6.700	6.577	107 75 125 13.90 1.05 20

Sample ID N044844-016CMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/6/2021	RunNo: 151985
Client ID: ZZZZZZ	Batch ID: 86953	TestNo: EPA 200.8		Analysis Date: 4/8/2021	SeqNo: 4170088
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	14.288	0.67	6.700	6.852	111 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044844-016CMSD	SampType:	MSD	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/6/2021	RunNo:	151985		
Client ID:	ZZZZZZ	Batch ID:	86953	TestNo:	EPA 200.8			Analysis Date:	4/8/2021	SeqNo:	4170089		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		14.301		0.67	6.700	6.852	111	75	125	14.29	0.0881	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-001

Client Sample ID: MW-105D-Q221
Collection Date: 4/5/2021 11:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/9/2021 09:16 AM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/6/2021 02:13 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/6/2021 01:54 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-002

Client Sample ID: MW-105S-Q221
Collection Date: 4/5/2021 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/6/2021 02:23 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949		PrepDate: 4/6/2021		Analyst: CEI		
Chromium	4.0	0.13	1.0		µg/L	1	4/6/2021 01:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-003

Client Sample ID: MW-908-Q221
Collection Date: 4/5/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/6/2021 02:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	3.9	0.13	1.0		µg/L	1	4/6/2021 02:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPGE**

Sample ID MB-R151963	SampType: MBLK	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: PBW	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169218
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			

Sample ID LCS-R151963	SampType: LCS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: LCSW	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169219
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.214	0.060	0.2000	0	107 90 110

Sample ID N044889-004AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169221
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.355	0.060	0.2000	0.1650	94.8 90 110

Sample ID N044889-004AMSD	SampType: MSD	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169222
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.352	0.060	0.2000	0.1650	93.5 90 110 0.3545 0.708 20

Sample ID N044846-001ADUP	SampType: DUP	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169224
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.029	0.060			0.02820 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_W_LLPGE

Sample ID N044847-010AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169230	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 0.216 0.060 0.2000 0 108 90 110

Sample ID N044847-012AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169233	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 0.242 0.060 0.2000 0.03930 102 90 110

Sample ID N044847-008AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169234	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 0.219 0.060 0.2000 0 109 90 110

Sample ID N044847-009AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169235	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 0.217 0.060 0.2000 0 109 90 110

Sample ID N044847-011AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169240	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 0.213 0.060 0.2000 0 106 90 110

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	MB-R151902	SampType:	MBLK	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	PBW	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166618		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium ND 0.20

Sample ID	LCS-R151902	SampType:	LCS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	LCSW	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166619		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 5.065 0.20 5.000 0 101 90 110

Sample ID	N044847-001AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166621		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 1.765 0.20 1.000 0.7184 105 90 110

Sample ID	N044847-002AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166623		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 1.984 0.20 1.000 0.9415 104 90 110

Sample ID	N044847-003AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166625		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 1.850 0.20 1.000 0.8295 102 90 110

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166627						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.349	0.20	1.000	1.322	103	90	110				
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Sample ID	N044847-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166631						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.410	0.20	1.000	1.397	101	90	110				
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Sample ID	N044847-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166632						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.063	0.20	1.000	0.9848	108	90	110				
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Sample ID	N044847-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166634						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.022	0.20	1.000	1.008	101	90	110				
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Sample ID	N044847-008AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166636						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.036	0.20	1.000	0	104	90	110				
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Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-009AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166638		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.025	0.20	1.000	0	103	90	110				
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Sample ID	N044847-010AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166642		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.042	0.20	1.000	0	104	90	110				
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Sample ID	N044847-011AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166644		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.040	0.20	1.000	0	104	90	110				
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Sample ID	N044847-012AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166646		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.065	0.20	1.000	0	106	90	110				
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Sample ID	N044847-003AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.878	0.20	1.000	0.8295	105	90	110	1.850	1.52	20	
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-006ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902		
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166654		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		0.979		0.20						0.9848	0.580	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86949	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	PBW	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167301			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-86949	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	LCSW	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167302			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.370	1.0	10.00	0	104	85	115							
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Sample ID	N044798-001A-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881		
Client ID:	ZZZZZZ	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167306		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.127	1.0	10.00	0.8674	92.6	75	125							
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Sample ID	N044798-001A-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	ZZZZZZ	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167307			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.136	1.0	10.00	0.8674	92.7	75	125	10.13	0.0817	20				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-001

Client Sample ID: MW-105D-Q221
Collection Date: 4/5/2021 11:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	ND 0.0087	0.050 mg/L	1 4/6/2021 10:29 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-002

Client Sample ID: MW-105S-Q221
Collection Date: 4/5/2021 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	3.8 0.044 0.25	mg/L	5 4/6/2021 12:31 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 18-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044846
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044846-003

Client Sample ID: MW-908-Q221
Collection Date: 4/5/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210406A	QC Batch: R151887	PrepDate:	Analyst: RAB
Nitrate as N	3.9 0.044 0.25	mg/L	5 4/6/2021 03:19 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID	MB-R151887_NO3	SampType:	MBLK	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	PBW	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172706			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		0.023		0.050										

Sample ID	LCS-R151887_NO3	SampType:	LCS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	LCSW	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172707			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		1.247		0.050	1.250	0		99.7	90	110				

Sample ID	N044845-001BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172712			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		0.570		0.10							0.5564	2.38	20	

Sample ID	N044845-002BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172730			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		8.479		0.25	6.250	2.380		97.6	80	120				

Sample ID	N044844-015BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887			
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172731			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		3.338		0.10	2.500	0.7540		103	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044846
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044844-015BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172732		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.275	0.10	2.500	0.7540	101	80	120	3.338	1.90	20
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Sample ID	N044844-016AMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172733		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.488	0.10	2.500	0.9604	101	80	120
--------------	-------	------	-------	--------	-----	----	-----

Sample ID	N044844-016AMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151887		
Client ID:	ZZZZZZ	Batch ID:	R151887	TestNo:	EPA 300.0			Analysis Date:	4/6/2021	SeqNo:	4172734		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.486	0.10	2.500	0.9604	101	80	120	3.488	0.0631	20
--------------	-------	------	-------	--------	-----	----	-----	-------	--------	----

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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1 of 1

[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/6/2021

Workorder: N044846

Rep sample Temp (Deg C): 2.3/3.9

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/6/2021

Reviewed By: ABC 4/8/2021

ASSET Laboratories

WORK ORDER Summary

06-Apr-21

WorkOrder: N044846

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044846-001A	MW-105D-Q221	4/5/2021 11:19:00 AM	4/19/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-001B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-001C			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-001D			4/19/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044846-001E			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-002A			4/5/2021 12:00:00 PM		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-002B	MW-105S-Q221	4/5/2021 12:00:00 PM	4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-002C			4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-002D			4/19/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044846-002E			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-003A			4/5/2021 12:10:00 PM		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-003B			4/19/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-003C	MW-908-Q221		4/19/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

06-Apr-21

WorkOrder: N044846

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044846-003D	MW-908-Q221	4/5/2021 12:10:00 PM	4/19/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044846-003E			4/19/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044846-004A	FOLDER	4/19/2021	4/19/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/19/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/19/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

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TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Andrew Pham

08-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044846-001D / MW-105D-Q221	Groundwater	4/5/2021 11:19:00 AM	32OZP	1		
N044846-002D / MW-105S-Q221	Groundwater	4/5/2021 12:00:00 PM	32OZP	1		
N044846-003D / MW-908-Q221	Groundwater	4/5/2021 12:10:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44846A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by Epa 900.0. EDD requirement Labspec7 edata.

Fedex #: 773391137453

	Date/Time		Date/Time
Relinquished by: <u>YRJ</u>	4/8/2021 1100	Received by: _____	
Relinquished by: _____		Received by: _____	

April 13, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044847

RE: PG&E Hinkley - DOM, 30046045

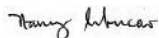
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 05, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N044847

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



ASSET Laboratories

Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - DOM, 30046045**Lab Order:** N044847**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044847-001A	02-23-Q221	Groundwater	4/5/2021 12:30:00 PM	4/5/2021	4/13/2021
N044847-001B	02-23-Q221	Groundwater	4/5/2021 12:30:00 PM	4/5/2021	4/13/2021
N044847-002A	34-77-Q221	Groundwater	4/5/2021 11:25:00 AM	4/5/2021	4/13/2021
N044847-002B	34-77-Q221	Groundwater	4/5/2021 11:25:00 AM	4/5/2021	4/13/2021
N044847-003A	02-02A-Q221	Groundwater	4/5/2021 1:10:00 PM	4/5/2021	4/13/2021
N044847-003B	02-02A-Q221	Groundwater	4/5/2021 1:10:00 PM	4/5/2021	4/13/2021
N044847-004A	02-02B-Q221	Groundwater	4/5/2021 12:45:00 PM	4/5/2021	4/13/2021
N044847-004B	02-02B-Q221	Groundwater	4/5/2021 12:45:00 PM	4/5/2021	4/13/2021
N044847-005A	MW-953-Q221	Groundwater	4/5/2021 12:55:00 PM	4/5/2021	4/13/2021
N044847-005B	MW-953-Q221	Groundwater	4/5/2021 12:55:00 PM	4/5/2021	4/13/2021
N044847-006A	34-63-Q221	Groundwater	4/5/2021 11:00:00 AM	4/5/2021	4/13/2021
N044847-006B	34-63-Q221	Groundwater	4/5/2021 11:00:00 AM	4/5/2021	4/13/2021
N044847-007A	MW-955-Q221	Groundwater	4/5/2021 11:10:00 AM	4/5/2021	4/13/2021
N044847-007B	MW-955-Q221	Groundwater	4/5/2021 11:10:00 AM	4/5/2021	4/13/2021
N044847-008A	EB-701-Q221	Groundwater	4/5/2021 2:37:00 PM	4/5/2021	4/13/2021
N044847-009A	EB-702-Q221	Groundwater	4/5/2021 2:45:00 PM	4/5/2021	4/13/2021
N044847-010A	EB-703-Q221	Groundwater	4/5/2021 2:44:00 PM	4/5/2021	4/13/2021
N044847-011A	EB-704-Q221	Groundwater	4/5/2021 2:45:00 PM	4/5/2021	4/13/2021
N044847-012A	EB-705-Q221	Groundwater	4/5/2021 3:00:00 PM	4/5/2021	4/13/2021

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-001

Client Sample ID: 02-23-Q221
Collection Date: 4/5/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.72	0.033	0.20		µg/L	1	4/6/2021 09:37 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/6/2021 02:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-002

Client Sample ID: 34-77-Q221
Collection Date: 4/5/2021 11:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210406A	QC Batch: R151902		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.94	0.033	0.20		µg/L	1	4/6/2021 09:58 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949		PrepDate:		4/6/2021	Analyst: CEI	
Chromium	1.1	0.13	1.0		µg/L	1	4/6/2021 02:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-003

Client Sample ID: 02-02A-Q221
Collection Date: 4/5/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210406A	QC Batch: R151902		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.83	0.033	0.20		µg/L	1	4/6/2021 10:17 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949		PrepDate: 4/6/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/6/2021 02:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-004

Client Sample ID: 02-02B-Q221
Collection Date: 4/5/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210406A	QC Batch: R151902		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/6/2021 10:36 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949		PrepDate:		4/6/2021	Analyst: CEI	
Chromium	1.4	0.13	1.0		µg/L	1	4/6/2021 02:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-005

Client Sample ID: MW-953-Q221
Collection Date: 4/5/2021 12:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210406A	QC Batch: R151902		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/6/2021 11:13 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949		PrepDate:		4/6/2021	Analyst: CEI	
Chromium	1.6	0.13	1.0		µg/L	1	4/6/2021 02:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-006

Client Sample ID: 34-63-Q221
Collection Date: 4/5/2021 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.98	0.033	0.20		µg/L	1	4/6/2021 03:01 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949		PrepDate: 4/6/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/6/2021 02:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-007

Client Sample ID: MW-955-Q221
Collection Date: 4/5/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.0	0.033	0.20		µg/L	1	4/6/2021 11:51 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate:	4/6/2021	Analyst: CEI	
Chromium	1.0	0.13	1.0		µg/L	1	4/6/2021 02:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-008

Client Sample ID: EB-701-Q221
Collection Date: 4/5/2021 2:37:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/9/2021 09:36 AM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/6/2021 12:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-009

Client Sample ID: EB-702-Q221
Collection Date: 4/5/2021 2:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/9/2021 09:56 AM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/6/2021 12:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-010

Client Sample ID: EB-703-Q221
Collection Date: 4/5/2021 2:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/9/2021 10:35 AM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/6/2021 01:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-011

Client Sample ID: EB-704-Q221
Collection Date: 4/5/2021 2:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/9/2021 10:55 AM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/6/2021 01:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-012

Client Sample ID: EB-705-Q221
Collection Date: 4/5/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/9/2021 11:15 AM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210406A	QC Batch: R151902				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/6/2021 01:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPGE**

Sample ID MB-R151963	SampType: MBLK	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: PBW	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169218
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			

Sample ID LCS-R151963	SampType: LCS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: LCSW	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169219
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.214	0.060	0.2000	0	107 90 110

Sample ID N044889-004AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169221
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.355	0.060	0.2000	0.1650	94.8 90 110

Sample ID N044889-004AMSD	SampType: MSD	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169222
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.352	0.060	0.2000	0.1650	93.5 90 110 0.3545 0.708 20

Sample ID N044846-001ADUP	SampType: DUP	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169224
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.029	0.060			0.02820 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_W_LLPGE

Sample ID	N044847-010AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963	
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169230	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.216	0.060	0.2000	0	108	90	110
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Sample ID	N044847-012AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963	
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169233	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.242	0.060	0.2000	0.03930	102	90	110
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Sample ID	N044847-008AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963	
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169234	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.219	0.060	0.2000	0	109	90	110
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Sample ID	N044847-009AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963	
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169235	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.217	0.060	0.2000	0	109	90	110
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Sample ID	N044847-011AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963	
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169240	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.213	0.060	0.2000	0	106	90	110
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID MB-R151902	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: PBW	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166618	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID LCS-R151902	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: LCSW	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166619	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 5.065 0.20 5.000 0 101 90 110

Sample ID N044847-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166621	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 1.765 0.20 1.000 0.7184 105 90 110

Sample ID N044847-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166623	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 1.984 0.20 1.000 0.9415 104 90 110

Sample ID N044847-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902
Client ID: ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166625	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 1.850 0.20 1.000 0.8295 102 90 110

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166627						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.349	0.20	1.000	1.322	103	90	110				
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Sample ID	N044847-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166631						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.410	0.20	1.000	1.397	101	90	110				
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Sample ID	N044847-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166632						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.063	0.20	1.000	0.9848	108	90	110				
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Sample ID	N044847-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166634						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.022	0.20	1.000	1.008	101	90	110				
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Sample ID	N044847-008AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166636						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.036	0.20	1.000	0	104	90	110				
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Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-009AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166638						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.025	0.20	1.000	0	103	90	110				
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Sample ID	N044847-010AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166642						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.042	0.20	1.000	0	104	90	110				
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Sample ID	N044847-011AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166644						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.040	0.20	1.000	0	104	90	110				
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Sample ID	N044847-012AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166646						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.065	0.20	1.000	0	106	90	110				
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Sample ID	N044847-003AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151902					
Client ID:	ZZZZZZ	Batch ID: R151902	TestNo: EPA 218.6	Analysis Date: 4/6/2021	SeqNo: 4166647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.878	0.20	1.000	0.8295	105	90	110	1.850	1.52	20	
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Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044847-006ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151902			
Client ID:	ZZZZZZ	Batch ID:	R151902	TestNo:	EPA 218.6			Analysis Date:	4/6/2021	SeqNo:	4166654			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		0.979		0.20							0.9848	0.580	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86949	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	PBW	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167301			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-86949	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	LCSW	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167302			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.370	1.0	10.00	0	104	85	115							
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Sample ID	N044798-001A-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	ZZZZZZ	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167306			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.127	1.0	10.00	0.8674	92.6	75	125							
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Sample ID	N044798-001A-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/6/2021	RunNo:	151881			
Client ID:	ZZZZZZ	Batch ID:	86949	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/6/2021	SeqNo:	4167307			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.136	1.0	10.00	0.8674	92.7	75	125	10.13	0.0817	20				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-001

Client Sample ID: 02-23-Q221
Collection Date: 4/5/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate: 4/6/2021		Analyst: DJ
Iron	ND	18	20	ug/L	1	4/6/2021 04:37 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



ASSET LABORATORIES
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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-003

Client Sample ID: 02-02A-Q221
Collection Date: 4/5/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate: 4/6/2021		Analyst: DJ
Iron	20	18	20	ug/L	1	4/6/2021 04:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-004

Client Sample ID: 02-02B-Q221
Collection Date: 4/5/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate: 4/6/2021	Analyst: DJ
Iron	ND	18	20	ug/L	4/6/2021 04:54 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-005

Client Sample ID: MW-953-Q221
Collection Date: 4/5/2021 12:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210406D	QC Batch: 86950			PrepDate: 4/6/2021		Analyst: DJ
Iron	ND	18	20	ug/L	1	4/6/2021 04:57 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID MB-86950	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/6/2021	RunNo: 151889
Client ID: PBW	Batch ID: 86950	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/6/2021	SeqNo: 4166018
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID LCS-86950	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/6/2021	RunNo: 151889
Client ID: LCSW	Batch ID: 86950	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/6/2021	SeqNo: 4166019
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	88.900	20	100.0	0	88.9 85 115

Sample ID N044798-001A-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/6/2021	RunNo: 151889
Client ID: ZZZZZZ	Batch ID: 86950	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/6/2021	SeqNo: 4166023
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	93.451	20	100.0	0	93.5 75 125

Sample ID N044798-001A-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/6/2021	RunNo: 151889
Client ID: ZZZZZZ	Batch ID: 86950	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/6/2021	SeqNo: 4166024
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	102.100	20	100.0	0	102 75 125 93.45 8.85 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-001

Client Sample ID: 02-23-Q221
Collection Date: 4/5/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate: 4/6/2021	Analyst: CEI
Arsenic	1.9	0.081	0.10	µg/L	4/6/2021 02:11 PM
Manganese	ND	0.26	0.50	µg/L	4/6/2021 02:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-003

Client Sample ID: 02-02A-Q221
Collection Date: 4/5/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate: 4/6/2021	Analyst: CEI
Arsenic	10	0.081	0.10	µg/L	4/6/2021 02:23 PM
Manganese	53	0.26	0.50	µg/L	4/6/2021 02:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-004

Client Sample ID: 02-02B-Q221
Collection Date: 4/5/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate: 4/6/2021	Analyst: CEI
Arsenic	13	0.081	0.10	µg/L	4/6/2021 02:41 PM
Manganese	0.77	0.26	0.50	µg/L	4/6/2021 02:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044847
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044847-005

Client Sample ID: MW-953-Q221
Collection Date: 4/5/2021 12:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP7_210406C	QC Batch: 86949			PrepDate:	4/6/2021	Analyst: CEI	
Arsenic	13	0.081	0.10		µg/L	1	4/6/2021 02:47 PM
Manganese	0.92	0.26	0.50		µg/L	1	4/6/2021 02:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044847
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID MB-86949	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: PBW	Batch ID: 86949	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4165684
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10
Manganese	ND	0.50

Sample ID LCS-86949	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: LCSW	Batch ID: 86949	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4165685
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.327	0.10	10.00	0	103	85	115
Manganese	100.432	0.50	100.0	0	100	85	115

Sample ID N044798-001A-MS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: ZZZZZZ	Batch ID: 86949	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4165689
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.170	0.10	10.00	1.989	91.8	75	125
Manganese	94.867	0.50	100.0	0.4164	94.5	75	125

Sample ID N044798-001A-MSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/6/2021	RunNo: 151881
Client ID: ZZZZZZ	Batch ID: 86949	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/6/2021	SeqNo: 4165690
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.670	0.10	10.00	1.989	96.8	75	125	11.17	4.37	20
Manganese	95.140	0.50	100.0	0.4164	94.7	75	125	94.87	0.287	20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CHAIN OF CUSTODY RECORD

Page 1 of 1

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 www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition									
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled									
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: lisa.kellogg@arcadis.com		GeoTracker		RWQCB		2. Headspace									
Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		P.O.#		Labspec		CalTrans		3. Container Intact									
Submitted By: Brian Murave		Phone: 1 916 865 3168		Phone: 951.677.0577		Others		LEVEL III		4. Seal Present									
Title:		Fax:		Fax:		Specify:		EQ EDD		5. IR number									
Signature: <i>[Signature]</i> Date: 4/15/21		Sampled By: <i>[Signature]</i>		Ground-water		Global ID:		Regulatory		6. Method of Cooling:									
I hereby authorize ASSET Labs to perform the tests indicated below.		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Potable				Specify State:		Sample Temp: 10°C / 2.3°C / 3.9°C									
Project Name: PG&E Hinkley - DOM		Signature: <i>[Signature]</i> Date: 4/15/21		NPDES						Courier: ASSET									
Project Number: 30046045				Surface						Tracking No.:									
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly	Metals Dissolved (6020AFF) As; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6010BDis) Fe; HNO3, 4°C, 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C, 500 ml Poly	Anions (E300.0) NO3N; 4°C, 1000ml Poly	Anions (E300.0) SO4; 4°C, 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TDS (SM2540C); 4°C, 1000ml Poly	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Turn Around Time	Remarks	
	N044847-01	02-23-Q221	4/5/2021	1230		X	X	X	X	X							E 2		
	-02	34-77-Q221	4/5/2021	1125		X	X										E 2		
	-03	02-02A-Q221	4/5/2021	1310		X	X	X	X	X							E 2		
	-04	02-02B-Q221	4/5/2021	1245		X	X	X	X	X							E 2		
	-05	MW-953-Q221	4/5/2021	1255		X	X	X	X	X							E 2		
	-06	34-63-Q221	4/5/2021	1100		X	X										E 2		
	-07	MW-955-Q221	4/5/2021	1110		X	X										E 2		
	-08	EB-701-Q121	4/5/2021	1437		X											E 1		
	-09	EB-702-Q121	4/5/2021	1445		X											E 1		
	-10	EB-703-Q121	4/5/2021	1444		X											E 1		
	-11	EB-704-Q121	4/5/2021	1445		X											E 1		
	-12	EB-705-Q121	4/5/2021	1500		X											E 1		
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Brian Murave Date/Time: 4/15/21 1535						Relinquished by (Signature and Printed Name): <i>[Signature]</i> J. Kellogg Date/Time: 4/15/21 1535						Turn Around Time (TAT)						Special Instruction:	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Jordan Lee Date/Time: 4/15/21 1613						Relinquished by (Signature and Printed Name): <i>[Signature]</i> Jordan Lee Date/Time: 4/15/21 1613						<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays							
Terms						Preservatives:						Container Type:							
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.						H=HCL N=HNO3 S=H2SO4 C=4°C						T=Tube V=VOA P=Pinl							
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.						Z=Zn(AC)2 O=NaOH T=Na2S2O3						J=Jar B=Tedlar G=Glass							
3. Custom EDD formats will be an additional 3% of the total project price.						Others/Specify: B (NH4)2SO4/NH4OH						M=Metal M=Metal C=Can							
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages, surcharges assessed on total.																			
5. Trip Blanks and Equipment Blanks are billable sample.																			
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.																			
7. Terms are net 30 days.																			
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.																			
9. For subcontract analysis, TAT and Surcharges will vary.																			

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/6/2021 Workorder: N044847
 Rep sample Temp (Deg C): 1.4/2.3/3.9 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Was Client notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>

Comments: See Correspondence.

Checklist Completed By: YR YRJ 4/6/2021

Reviewed By: ABC 4/6/2021

Subject: Fwd: PG&E Hinkley - DOM, 30046045 (ASSET Labs No. N044847)
From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Date: 4/6/2021, 12:10 PM
To: Tina Rice <Tina.Rice@critigen.com>, "Madsen, Laura" <Laura.Madsen@arcadis.com>
CC: "rustico.aquino@assetlaboratoriesph.com" <rustico.aquino@assetlaboratoriesph.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>

Hi Tina,

I'd like to confirm that we will revise IDs for samples 8 to 12 from 'Q121' to 'Q221' per your instructions.

Sorry about the typo on my first email.

Thanks,

----- Forwarded Message -----

Subject: Re: PG&E Hinkley - DOM, 30046045 (ASSET Labs No. N044847)
Date: Tue, 6 Apr 2021 12:03:47 -0700
From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
To: Tina Rice <Tina.Rice@critigen.com>, Madsen, Laura <Laura.Madsen@arcadis.com>
CC: Russell Parker <russparker11@gmail.com>, maryann.balilu@assetlaboratoriesph.com
<maryann.balilu@assetlaboratoriesph.com>, maryann.balilu@assetlaboratoriesph.com
<maryann.balilu@assetlaboratoriesph.com>, rustico.aquino@assetlaboratoriesph.com
<rustico.aquino@assetlaboratoriesph.com>

Hi Tina,

Noted. Just to confirm that we will follow ID EB-702-Q221 for sample 9.

Thanks,

On 4/6/2021 9:56 AM, Tina Rice wrote:

Hi Yoandra,

Those samples beginning with EB should all be Q221.

Thanks!
Tina

From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Sent: Tuesday, April 6, 2021 9:52 AM
To: Madsen, Laura <Laura.Madsen@arcadis.com>

Cc: Tina Rice <Tina.Rice@critigen.com>; Russell Parker <russsparker11@gmail.com>;
maryann.balilu@assetlaboratoriesph.com

Subject: PG&E Hinkley - DOM, 30046045 (ASSET Labs No. N044847)

Hi Laura,

Please kindly advise on the following discrepancies for the attached COC:

- Samples 9-12: ID is 'Q121' on COC and 'Q221' on labels
- Sample 9: ID is EB-702-Q121 on COC and MW-702-Q221 on labels

--

Thanks,

Yoandra Rodriguez

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California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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--

Thanks,

Yoandra Rodriguez

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California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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— Attachments: —

N044847_COC.pdf

66.7 KB

ASSET Laboratories

WORK ORDER Summary

07-Apr-21

WorkOrder: N044847

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044847-001A	02-23-Q221	4/5/2021 12:30:00 PM	4/12/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-001B			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-002A	34-77-Q221	4/5/2021 11:25:00 AM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-002B			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-003A	02-02A-Q221	4/5/2021 1:10:00 PM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-003B			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-004A	02-02B-Q221	4/5/2021 12:45:00 PM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-004B			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-005A	MW-953-Q221	4/5/2021 12:55:00 PM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

07-Apr-21

WorkOrder: N044847

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 4/5/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044847-005B	MW-953-Q221	4/5/2021 12:55:00 PM	4/12/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-006A	34-63-Q221	4/5/2021 11:00:00 AM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-006B			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-007A	MW-955-Q221	4/5/2021 11:10:00 AM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-007B			4/12/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/12/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-008A	EB-701-Q221	4/5/2021 2:37:00 PM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-009A	EB-702-Q221	4/5/2021 2:45:00 PM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-010A	EB-703-Q221	4/5/2021 2:44:00 PM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-011A	EB-704-Q221	4/5/2021 2:45:00 PM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-012A	EB-705-Q221	4/5/2021 3:00:00 PM	4/12/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044847-013A	FOLDER	4/12/2021	4/12/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/12/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/12/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 13, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044862

RE: PG&E Hinkley - DOM, 30046045

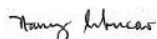
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 06, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N044862

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.6 ug/L) and hexavalent chromium (0.77 ug/L) for sample N044862-001 (36-26-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.6 ug/L) and hexavalent chromium (0.77 ug/L) for sample N044862-001 (36-26-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.6 and 1.5 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N044862
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044862-001A	36-26-Q221	Groundwater	4/6/2021 8:40:00 AM	4/6/2021	4/13/2021
N044862-001B	36-26-Q221	Groundwater	4/6/2021 8:40:00 AM	4/6/2021	4/13/2021
N044862-002A	31E-07-Q221	Groundwater	4/6/2021 9:15:00 AM	4/6/2021	4/13/2021
N044862-002B	31E-07-Q221	Groundwater	4/6/2021 9:15:00 AM	4/6/2021	4/13/2021
N044862-003A	25-16-Q221	Groundwater	4/6/2021 10:10:00 AM	4/6/2021	4/13/2021
N044862-003B	25-16-Q221	Groundwater	4/6/2021 10:10:00 AM	4/6/2021	4/13/2021
N044862-004A	36-41-Q221	Groundwater	4/6/2021 8:20:00 AM	4/6/2021	4/13/2021
N044862-004B	36-41-Q221	Groundwater	4/6/2021 8:20:00 AM	4/6/2021	4/13/2021
N044862-005A	30E-12-Q221	Groundwater	4/6/2021 9:45:00 AM	4/6/2021	4/13/2021
N044862-005B	30E-12-Q221	Groundwater	4/6/2021 9:45:00 AM	4/6/2021	4/13/2021



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ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044862
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044862-001

Client Sample ID: 36-26-Q221
Collection Date: 4/6/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.77	0.033	0.20		µg/L	1	4/7/2021 09:01 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	1.6	0.13	1.0		µg/L	1	4/7/2021 02:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044862
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044862-002

Client Sample ID: 31E-07-Q221
Collection Date: 4/6/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/7/2021 12:29 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965			PrepDate:	4/7/2021	Analyst: CEI	
Chromium	1.9	0.13	1.0		µg/L	1	4/7/2021 03:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044862
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044862-003

Client Sample ID: 25-16-Q221
Collection Date: 4/6/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.3	0.033	0.20		µg/L	1	4/7/2021 09:39 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	2.3	0.13	1.0		µg/L	1	4/7/2021 03:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044862
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044862-004

Client Sample ID: 36-41-Q221
Collection Date: 4/6/2021 8:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/7/2021 09:58 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	1.5	0.13	1.0		µg/L	1	4/7/2021 03:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 13-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044862
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044862-005

Client Sample ID: 30E-12-Q221
Collection Date: 4/6/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/7/2021 10:36 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	2.1	0.13	1.0		µg/L	1	4/7/2021 03:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044862
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R151905	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: PBW	Batch ID: R151905	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4166710
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R151905	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: LCSW	Batch ID: R151905	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4166711
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.048	0.20	5.000	0	101 90 110

Sample ID N044862-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: ZZZZZZ	Batch ID: R151905	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4166713
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.814	0.20	1.000	0.7681	105 90 110

Sample ID N044862-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: ZZZZZZ	Batch ID: R151905	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4166714
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.010	0.20	1.000	1.994	102 90 110

Sample ID N044862-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: ZZZZZZ	Batch ID: R151905	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4166716
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.432	0.20	1.000	2.346	109 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044862
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044862-004AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151905		
Client ID:	ZZZZZZ	Batch ID:	R151905	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4166718		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.529	0.20	1.000	1.532	99.8	90	110				
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Sample ID	N044862-005AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151905		
Client ID:	ZZZZZZ	Batch ID:	R151905	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4166722		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.231	0.20	1.000	2.166	106	90	110				
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Sample ID	N044862-004AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151905			
Client ID:	ZZZZZZ	Batch ID:	R151905	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4166729			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.563	0.20	1.000	1.532	103	90	110	2.529	1.33	20	
---------------------	-------	------	-------	-------	-----	----	-----	-------	------	----	--

Sample ID	N044862-001ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151905			
Client ID:	ZZZZZZ	Batch ID:	R151905	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4166730			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.741	0.20						0.7681	3.54	20	
---------------------	-------	------	--	--	--	--	--	--------	------	----	--

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



ASSET LABORATORIES

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044862
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID MB-86965	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/7/2021	RunNo: 151916
Client ID: PBW	Batch ID: 86965	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/7/2021	SeqNo: 4167401
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID LCS-86965	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/7/2021	RunNo: 151916
Client ID: LCSW	Batch ID: 86965	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/7/2021	SeqNo: 4167402
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.980 1.0 10.00 0 99.8 85 115

Sample ID N044862-001B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/7/2021	RunNo: 151916
Client ID: ZZZZZZ	Batch ID: 86965	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/7/2021	SeqNo: 4167406
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.113 1.0 10.00 1.587 95.3 75 125

Sample ID N044862-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/7/2021	RunNo: 151916
Client ID: ZZZZZZ	Batch ID: 86965	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/7/2021	SeqNo: 4167407
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.930 1.0 10.00 1.587 93.4 75 125 11.11 1.66 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



ASSET LABORATORIES

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 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
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 ORELAP/NELAP Cert 4046

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Page 1 of 1

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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@crjugen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Address: lisa.kellogg@arcadis.com Phone: 951.677.0577		P.O.#		Fax:	
Phone: 1 916 865 3168 Submitted By: <i>Joshua Messer</i> Title: <i>Field Tech</i>		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax:		Matrix		Ground-water		x		Sediment	
Signature: <i>Field Tech</i> Date: <i>4-6-21</i> <i>I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds</i>		Sampled By: <i>Russell T. Russell</i> Signature: <i>Russell T. Russell</i> Date: <i>4/6/21</i>		Potable		Sol		NPDES		Other Solid	
Project Name: PG&E Hinkley - DOM		Project Number: 30046045		Surface							
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others	
				N044862-01		4/6/2021		0840			
				-02		4/6/2021		0915			
				-03		4/6/2021		1010			
				-04		4/6/2021		0820			
				-05		4/6/2021		0945			
Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4-6-21 1610</i>		Relinquished by (Signature and Printed Name): <i>Russell T. Russell</i> Date/Time: <i>4/6/21 1640</i>		Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4/6/21 1915</i>		Relinquished by (Signature and Printed Name):		Date/Time:		Turn Around Time (TAT)	
Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4-6-21 1610</i>		Relinquished by (Signature and Printed Name): <i>Russell T. Russell</i> Date/Time: <i>4/6/21 1640</i>		Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4/6/21 1915</i>		Relinquished by (Signature and Printed Name):		Date/Time:		Special Instruction:	
Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4-6-21 1610</i>		Relinquished by (Signature and Printed Name): <i>Russell T. Russell</i> Date/Time: <i>4/6/21 1640</i>		Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4/6/21 1915</i>		Relinquished by (Signature and Printed Name):		Date/Time:		Special Instruction:	
Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4-6-21 1610</i>		Relinquished by (Signature and Printed Name): <i>Russell T. Russell</i> Date/Time: <i>4/6/21 1640</i>		Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4/6/21 1915</i>		Relinquished by (Signature and Printed Name):		Date/Time:		Special Instruction:	
Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4-6-21 1610</i>		Relinquished by (Signature and Printed Name): <i>Russell T. Russell</i> Date/Time: <i>4/6/21 1640</i>		Relinquished by (Signature and Printed Name): <i>Joshua Messer</i> Date/Time: <i>4/6/21 1915</i>		Relinquished by (Signature and Printed Name):		Date/Time:		Special Instruction:	
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ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/6/2021 Workorder: N044862
Rep sample Temp (Deg C): 5.0/2.6/1.4 IR Gun ID: 2
Temp Blank: ☒ Yes ☐ No
Carrier name: ASSET
Last 4 digits of Tracking No.: NA Packing Material Used: None
Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR  4/8/2021

Reviewed By:  4/8/2021

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044862

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 4/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044862-001A	36-26-Q221	4/6/2021 8:40:00 AM	4/13/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-001B			4/13/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/13/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-002A	31E-07-Q221	4/6/2021 9:15:00 AM	4/13/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-002B			4/13/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/13/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-003A	25-16-Q221	4/6/2021 10:10:00 AM	4/13/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-003B			4/13/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/13/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-004A	36-41-Q221	4/6/2021 8:20:00 AM	4/13/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-004B			4/13/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/13/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-005A	30E-12-Q221	4/6/2021 9:45:00 AM	4/13/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-005B			4/13/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/13/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044862-006A	FOLDER	4/13/2021	4/13/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/13/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/13/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 20, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044864

RE: PG&E Hinkley - GMP, 30046045

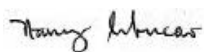
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 06, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044864

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.1 ug/L) and hexavalent chromium (1.1 ug/L) for sample N044864-003 (MW-203D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (5.6 ug/L) and hexavalent chromium (4.5 ug/L) for sample N044864-007 (MW-193S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (4.2 ug/L) and hexavalent chromium (3.3 ug/L) for sample N044864-009 (MW-162S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (4.8 ug/L) and hexavalent chromium (3.7 ug/L) for sample N044864-011 (MW-184S2-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (4.9 ug/L) and hexavalent chromium (3.3 ug/L) for sample N044864-013 (MW-186S2-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (7.8 ug/L) and hexavalent chromium (4.3 ug/L) for sample N044864-014 (MW-194S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (6.1 ug/L) and hexavalent chromium (4.8 ug/L) for sample N044864-015 (MW-195S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044864

CASE NARRATIVE

were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (4.9 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044864-017 (MW-131S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (4.1 ug/L) and hexavalent chromium (3.0 ug/L) for sample N044864-018 (MW-174S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.5 ug/L) for sample N044864-021 (MW-202S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (3.4 ug/L) and hexavalent chromium (2.6 ug/L) for sample N044864-022 (MW-153S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (3.6 ug/L) and hexavalent chromium (1.4 ug/L) for sample N044864-023 (EX-36-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (5.8 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044864-024 (MW-121D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.1 ug/L) and hexavalent chromium (1.1 ug/L) for sample N044864-003 (MW-203D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.0 and 1.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (5.6 ug/L) and hexavalent chromium (4.5 ug/L) for sample N044864-007 (MW-193S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 5.8 and 4.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (4.2 ug/L) and hexavalent chromium (3.3 ug/L) for

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044864

CASE NARRATIVE

sample N044864-009 (MW-162S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.1 and 4.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (4.8 ug/L) and hexavalent chromium (3.7 ug/L) for sample N044864-011 (MW-184S2-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.9 and 4.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (4.9 ug/L) and hexavalent chromium (3.3 ug/L) for sample N044864-013 (MW-186S2-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.6 and 4.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (7.8 ug/L) and hexavalent chromium (4.3 ug/L) for sample N044864-014 (MW-194S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 7.3 and 6.2 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (6.1 ug/L) and hexavalent chromium (4.8 ug/L) for sample N044864-015 (MW-195S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 6.3 and 5.5 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (4.9 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044864-017 (MW-131S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.7 and 4.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (4.1 ug/L) and hexavalent chromium (3.0 ug/L) for sample N044864-018 (MW-174S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.9 and 3.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.5 ug/L) for

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044864

CASE NARRATIVE

sample N044864-021 (MW-202S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.3 and 1.9 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (3.4 ug/L) and hexavalent chromium (2.6 ug/L) for sample N044864-022 (MW-153S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.4 and 2.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (3.6 ug/L) and hexavalent chromium (1.4 ug/L) for sample N044864-023 (EX-36-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.1 and 2.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (5.8 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044864-024 (MW-121D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.8 and 4.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

ASSET Laboratories**Date:** 20-Apr-21**CLIENT:** ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N044864**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044864-001A	MW-164D-Q221	Groundwater	4/6/2021 2:35:00 PM	4/6/2021	4/20/2021
N044864-001B	MW-164D-Q221	Groundwater	4/6/2021 2:35:00 PM	4/6/2021	4/20/2021
N044864-002A	MW-164S-Q221	Groundwater	4/6/2021 12:38:00 PM	4/6/2021	4/20/2021
N044864-002B	MW-164S-Q221	Groundwater	4/6/2021 12:38:00 PM	4/6/2021	4/20/2021
N044864-003A	MW-203D-Q221	Groundwater	4/6/2021 2:10:00 PM	4/6/2021	4/20/2021
N044864-003B	MW-203D-Q221	Groundwater	4/6/2021 2:10:00 PM	4/6/2021	4/20/2021
N044864-004A	MW-196S1-Q221	Groundwater	4/6/2021 10:13:00 AM	4/6/2021	4/20/2021
N044864-004B	MW-196S1-Q221	Groundwater	4/6/2021 10:13:00 AM	4/6/2021	4/20/2021
N044864-005A	MW-185S3-Q221	Groundwater	4/6/2021 11:11:00 AM	4/6/2021	4/20/2021
N044864-005B	MW-185S3-Q221	Groundwater	4/6/2021 11:11:00 AM	4/6/2021	4/20/2021
N044864-006A	MW-188S1-Q221	Groundwater	4/6/2021 9:25:00 AM	4/6/2021	4/20/2021
N044864-006B	MW-188S1-Q221	Groundwater	4/6/2021 9:25:00 AM	4/6/2021	4/20/2021
N044864-007A	MW-193S1-Q221	Groundwater	4/6/2021 12:05:00 PM	4/6/2021	4/20/2021
N044864-007B	MW-193S1-Q221	Groundwater	4/6/2021 12:05:00 PM	4/6/2021	4/20/2021
N044864-008A	MW-161S2-Q221	Groundwater	4/6/2021 2:01:00 PM	4/6/2021	4/20/2021
N044864-008B	MW-161S2-Q221	Groundwater	4/6/2021 2:01:00 PM	4/6/2021	4/20/2021
N044864-009A	MW-162S1-Q221	Groundwater	4/6/2021 12:57:00 PM	4/6/2021	4/20/2021
N044864-009B	MW-162S1-Q221	Groundwater	4/6/2021 12:57:00 PM	4/6/2021	4/20/2021
N044864-010A	MW-212S1-Q221	Groundwater	4/6/2021 3:05:00 PM	4/6/2021	4/20/2021
N044864-010B	MW-212S1-Q221	Groundwater	4/6/2021 3:05:00 PM	4/6/2021	4/20/2021
N044864-011A	MW-184S2-Q221	Groundwater	4/6/2021 9:11:00 AM	4/6/2021	4/20/2021
N044864-011B	MW-184S2-Q221	Groundwater	4/6/2021 9:11:00 AM	4/6/2021	4/20/2021
N044864-012A	MW-205S2-Q221	Groundwater	4/6/2021 10:07:00 AM	4/6/2021	4/20/2021
N044864-012B	MW-205S2-Q221	Groundwater	4/6/2021 10:07:00 AM	4/6/2021	4/20/2021
N044864-013A	MW-186S2-Q221	Groundwater	4/6/2021 12:47:00 PM	4/6/2021	4/20/2021
N044864-013B	MW-186S2-Q221	Groundwater	4/6/2021 12:47:00 PM	4/6/2021	4/20/2021
N044864-014A	MW-194S1-Q221	Groundwater	4/6/2021 12:06:00 PM	4/6/2021	4/20/2021
N044864-014B	MW-194S1-Q221	Groundwater	4/6/2021 12:06:00 PM	4/6/2021	4/20/2021
N044864-015A	MW-195S1-Q221	Groundwater	4/6/2021 2:13:00 PM	4/6/2021	4/20/2021

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044864
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044864-015B	MW-195S1-Q221	Groundwater	4/6/2021 2:13:00 PM	4/6/2021	4/20/2021
N044864-016A	MW-130S2-Q221	Groundwater	4/6/2021 2:52:00 PM	4/6/2021	4/20/2021
N044864-016B	MW-130S2-Q221	Groundwater	4/6/2021 2:52:00 PM	4/6/2021	4/20/2021
N044864-017A	MW-131S1-Q221	Groundwater	4/6/2021 3:38:00 PM	4/6/2021	4/20/2021
N044864-017B	MW-131S1-Q221	Groundwater	4/6/2021 3:38:00 PM	4/6/2021	4/20/2021
N044864-018A	MW-174S1-Q221	Groundwater	4/6/2021 8:43:00 AM	4/6/2021	4/20/2021
N044864-018B	MW-174S1-Q221	Groundwater	4/6/2021 8:43:00 AM	4/6/2021	4/20/2021
N044864-019A	MW-173S1-Q221	Groundwater	4/6/2021 9:51:00 AM	4/6/2021	4/20/2021
N044864-019B	MW-173S1-Q221	Groundwater	4/6/2021 9:51:00 AM	4/6/2021	4/20/2021
N044864-020A	MW-201S-Q221	Groundwater	4/6/2021 10:44:00 AM	4/6/2021	4/20/2021
N044864-020B	MW-201S-Q221	Groundwater	4/6/2021 10:44:00 AM	4/6/2021	4/20/2021
N044864-021A	MW-202S-Q221	Groundwater	4/6/2021 11:25:00 AM	4/6/2021	4/20/2021
N044864-021B	MW-202S-Q221	Groundwater	4/6/2021 11:25:00 AM	4/6/2021	4/20/2021
N044864-022A	MW-153S-Q221	Groundwater	4/6/2021 12:08:00 PM	4/6/2021	4/20/2021
N044864-022B	MW-153S-Q221	Groundwater	4/6/2021 12:08:00 PM	4/6/2021	4/20/2021
N044864-023A	EX-36-Q221	Groundwater	4/6/2021 12:53:00 PM	4/6/2021	4/20/2021
N044864-023B	EX-36-Q221	Groundwater	4/6/2021 12:53:00 PM	4/6/2021	4/20/2021
N044864-024A	MW-121D-Q221	Groundwater	4/6/2021 2:03:00 PM	4/6/2021	4/20/2021
N044864-024B	MW-121D-Q221	Groundwater	4/6/2021 2:03:00 PM	4/6/2021	4/20/2021
N044864-025A	MW-121S-Q221	Groundwater	4/6/2021 2:37:00 PM	4/6/2021	4/20/2021
N044864-025B	MW-121S-Q221	Groundwater	4/6/2021 2:37:00 PM	4/6/2021	4/20/2021

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-001

Client Sample ID: MW-164D-Q221
Collection Date: 4/6/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/7/2021 02:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/7/2021 05:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-002

Client Sample ID: MW-164S-Q221
Collection Date: 4/6/2021 12:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/7/2021 02:42 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	2.0	0.13	1.0		µg/L	1	4/7/2021 05:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-003

Client Sample ID: MW-203D-Q221
Collection Date: 4/6/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/7/2021 02:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	2.1	0.13	1.0		µg/L	1	4/7/2021 05:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-004

Client Sample ID: MW-196S1-Q221
Collection Date: 4/6/2021 10:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.7	0.033	0.20		µg/L	1	4/7/2021 03:01 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	3.8	0.13	1.0		µg/L	1	4/7/2021 05:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-005

Client Sample ID: MW-185S3-Q221
Collection Date: 4/6/2021 11:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.2	0.033	0.20		µg/L	1	4/7/2021 03:10 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	4.4	0.13	1.0		µg/L	1	4/7/2021 05:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-006

Client Sample ID: MW-188S1-Q221
Collection Date: 4/6/2021 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	6.7	0.033	0.20		µg/L	1	4/7/2021 03:19 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	7.5	0.13	1.0		µg/L	1	4/7/2021 06:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-007

Client Sample ID: MW-193S1-Q221
Collection Date: 4/6/2021 12:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.5	0.033	0.20		µg/L	1	4/7/2021 03:29 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	5.6	0.13	1.0		µg/L	1	4/7/2021 06:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-008

Client Sample ID: MW-161S2-Q221
Collection Date: 4/6/2021 2:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.8	0.033	0.20		µg/L	1	4/7/2021 04:45 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	3.3	0.13	1.0		µg/L	1	4/7/2021 07:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-009

Client Sample ID: MW-162S1-Q221
Collection Date: 4/6/2021 12:57:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.3	0.033	0.20		µg/L	1	4/7/2021 04:54 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	4.2	0.13	1.0		µg/L	1	4/7/2021 07:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-010

Client Sample ID: MW-212S1-Q221
Collection Date: 4/6/2021 3:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.2	0.033	0.20		µg/L	1	4/7/2021 05:04 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	3.7	0.13	1.0		µg/L	1	4/7/2021 07:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-011

Client Sample ID: MW-184S2-Q221
Collection Date: 4/6/2021 9:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.7	0.033	0.20		µg/L	1	4/7/2021 05:13 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	4.8	0.13	1.0		µg/L	1	4/7/2021 07:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-012

Client Sample ID: MW-205S2-Q221
Collection Date: 4/6/2021 10:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.0	0.033	0.20		µg/L	1	4/7/2021 05:22 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	4.4	0.13	1.0		µg/L	1	4/7/2021 07:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-013

Client Sample ID: MW-186S2-Q221
Collection Date: 4/6/2021 12:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.3	0.033	0.20		µg/L	1	4/7/2021 05:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	4.9	0.13	1.0		µg/L	1	4/7/2021 07:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-014

Client Sample ID: MW-194S1-Q221
Collection Date: 4/6/2021 12:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.3	0.033	0.20		µg/L	1	4/7/2021 05:41 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	7.8	0.13	1.0		µg/L	1	4/7/2021 07:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-015

Client Sample ID: MW-195S1-Q221
Collection Date: 4/6/2021 2:13:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.8	0.033	0.20		µg/L	1	4/7/2021 05:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	6.1	0.13	1.0		µg/L	1	4/7/2021 07:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-016

Client Sample ID: MW-130S2-Q221
Collection Date: 4/6/2021 2:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.9	0.033	0.20		µg/L	1	4/7/2021 06:19 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	4.4	0.13	1.0		µg/L	1	4/7/2021 08:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-017

Client Sample ID: MW-131S1-Q221
Collection Date: 4/6/2021 3:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/7/2021 06:29 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	4.9	0.13	1.0		µg/L	1	4/7/2021 08:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-018

Client Sample ID: MW-174S1-Q221
Collection Date: 4/6/2021 8:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.0	0.033	0.20		µg/L	1	4/7/2021 06:38 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	4.1	0.13	1.0		µg/L	1	4/7/2021 08:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-019

Client Sample ID: MW-173S1-Q221
Collection Date: 4/6/2021 9:51:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	6.1	0.033	0.20		µg/L	1	4/7/2021 06:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	6.1	0.13	1.0		µg/L	1	4/7/2021 08:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-020

Client Sample ID: MW-201S-Q221
Collection Date: 4/6/2021 10:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407B	QC Batch: R151931		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.96	0.033	0.20		µg/L	1	4/7/2021 07:00 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	1.4	0.13	1.0		µg/L	1	4/7/2021 08:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-021

Client Sample ID: MW-202S-Q221
Collection Date: 4/6/2021 11:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407C	QC Batch: R151932		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/7/2021 09:13 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	2.7	0.13	1.0		µg/L	1	4/7/2021 08:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-022

Client Sample ID: MW-153S-Q221
Collection Date: 4/6/2021 12:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407C	QC Batch: R151932		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.6	0.033	0.20		µg/L	1	4/7/2021 09:22 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	3.4	0.13	1.0		µg/L	1	4/7/2021 08:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-023

Client Sample ID: EX-36-Q221
Collection Date: 4/6/2021 12:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407C	QC Batch: R151932		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/7/2021 09:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	3.6	0.13	1.0		µg/L	1	4/7/2021 08:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-024

Client Sample ID: MW-121D-Q221
Collection Date: 4/6/2021 2:03:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407C	QC Batch: R151932		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/7/2021 09:41 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210408A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	5.8	0.13	1.0		µg/L	1	4/8/2021 12:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044864
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044864-025

Client Sample ID: MW-121S-Q221
Collection Date: 4/6/2021 2:37:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407C	QC Batch: R151932		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.033	0.20		µg/L	1	4/7/2021 10:09 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86966		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/7/2021 09:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044864
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID LCS-R151931	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151931
Client ID: LCSW	Batch ID: R151931	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4167959	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.027	0.20	5.000	0	101 90 110

Sample ID MB-R151931	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151931
Client ID: PBW	Batch ID: R151931	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4167962	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID N044864-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151931
Client ID: ZZZZZZ	Batch ID: R151931	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4167970	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	8.925	0.20	5.000	3.749	104 90 110

Sample ID N044864-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151931
Client ID: ZZZZZZ	Batch ID: R151931	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4167971	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	8.977	0.20	5.000	3.749	105 90 110 8.925 0.578 20

Sample ID N044864-002ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151931
Client ID: ZZZZZZ	Batch ID: R151931	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4167974	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.630	0.20			1.608 1.40 20

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044864
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044864-002AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151931			
Client ID:	ZZZZZZ	Batch ID:	R151931	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4167975			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		2.596		0.20	1.000	1.608		98.8	90	110				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044864
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID MB-R151932	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151932
Client ID: PBW	Batch ID: R151932	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4167999
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID LCS-R151932	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151932
Client ID: LCSW	Batch ID: R151932	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4168000
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 4.992 0.20 5.000 0 99.8 90 110

Sample ID N044857-001CMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151932
Client ID: ZZZZZZ	Batch ID: R151932	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4168002
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 659.200 10 250.0 415.3 97.6 90 110

Sample ID N044857-001CMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151932
Client ID: ZZZZZZ	Batch ID: R151932	TestNo: EPA 218.6		Analysis Date: 4/7/2021	SeqNo: 4168003
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 662.040 10 250.0 415.3 98.7 90 110 659.2 0.430 20

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044864
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86965	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	PBW	Batch ID:	86965	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167401		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-86965	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	LCSW	Batch ID:	86965	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167402		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	9.980	1.0	10.00	0	99.8	85	115							
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Sample ID	N044862-001B-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	ZZZZZZ	Batch ID:	86965	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167406		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	11.113	1.0	10.00	1.587	95.3	75	125							
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Sample ID	N044862-001B-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	ZZZZZZ	Batch ID:	86965	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167407		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.930	1.0	10.00	1.587	93.4	75	125	11.11	1.66	20				
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044864
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86966	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	PBW	Batch ID:	86966	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167431		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-86966	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	LCSW	Batch ID:	86966	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167432		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.204	1.0	10.00	0	102	85	115							
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Sample ID	N044864-006B-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	ZZZZZZ	Batch ID:	86966	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167440		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	16.919	1.0	10.00	7.519	94.0	75	125							
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Sample ID	N044864-006B-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	ZZZZZZ	Batch ID:	86966	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167441		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	16.622	1.0	10.00	7.519	91.0	75	125	16.92	1.77	20				
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



CHAIN OF CUSTODY RECORD

Page **1** of **3**

**ARCUS02
FOLDER**

C: 4/20/2021 12:00 AM

R: 4/6/2021

N044864-026A

1 of 1



Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Submitted By: Riggie Top Title: Field Tech Signature: [Signature] Date: 4/6/21 I hereby authorize ASSET Labs to perform the tests indicated below.		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Signature: [Signature] Date: 4/6/21		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400, Concord, CA 94520 Address: [Blank] Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577 P.O.#: [Blank] Fax: [Blank]		EDD Requirement: Excel EDD <input type="checkbox"/> Geotracker <input type="checkbox"/> LabSpec <input type="checkbox"/> Others <input checked="" type="checkbox"/> Specify: EQ EDD Global ID: [Blank]		QA/QC: RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> CalTrans <input type="checkbox"/> LEVEL III <input type="checkbox"/> LEVEL IV <input checked="" type="checkbox"/> Regulatory <input type="checkbox"/> Specify State: [Blank]		Sample Receipt Condition: 1. Chilled <input checked="" type="checkbox"/> 2. Headspace <input type="checkbox"/> 3. Container Intact <input checked="" type="checkbox"/> 4. Seal Present <input checked="" type="checkbox"/> 5. IR number <input checked="" type="checkbox"/> 6. Method of Cooling: [Blank]	
Signature: [Signature] Date: 4/6/21 I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Sampled By: [Signature] I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Matrix: Ground-water <input checked="" type="checkbox"/> Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Soil <input type="checkbox"/> NPDES <input type="checkbox"/> Other Solid <input type="checkbox"/> Surface <input type="checkbox"/>		Sample Temp: 5.0°C Courier: [Signature] Tracking No.: [Blank]		Remarks: [Blank]			
Project Name: PG&E Hinkley - GMP Project Number: 30046045		Signature: [Signature] Date: 4/6/21		Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C; 250 ml Poly Ortho-Phosphate (E300.0) NO3N; 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (E200.0) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (E200.0) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (E200.0) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (E200.0) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.0) HNO3, 4°C; 500 ml Poly TPH-D (E200.0) 3x1 Liter Amber Glass, 4°C TPH-D (E200.0) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (E200.0) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (E200.0) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) SO4, 4°C; 1000ml Poly		Turn Around Time (TAT): A < 24 Hrs or Same Day TAT B Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction: [Blank]			
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/6/21 1610 Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/6/21 1915 Relinquished by (Signature and Printed Name): [Signature] Date/Time: [Blank]		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/6/21 1610 Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/6/21 1915 Relinquished by (Signature and Printed Name): [Signature] Date/Time: [Blank]		Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Custom EDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for 1 week 11 Data Packages, 15% for 1 week 14 Data Packages. Surcharges applied on total.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pin J=Jar B=Bedlar G=Glass M=Metal M=Metal C=Can			



Page 2 of 3

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Carritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russel Company: Arcadis Email: tonya.russel@arcadis.com daniel.moore@critigen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		EDD Requirement Excel EDD GeoTracker LabSpec Others		QA/QC RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory		Sample Receipt Condition 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling:	
Phone: 1 916 865 3168 Fax: Submitted By: Riggie Top Title: Field Tech		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax:		Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577 Fax:		P.O.# EQ EDD Global ID:		Specify State:		10E Sample Temp: 5.0 / 2.6 / 1.4 °C	
Signature: [Signature] Date: 4/6/21 I hereby authorize ASSET Labs to perform the tests indicated below.		Sampled By: Andrew Phan Signature: [Signature] Date: 4/6/21		Matrix Ground-water x Sediment Potable NPDES Surface		Cr(VI) (E218.6) (NH4)2, SO4, NH4, OH, 4°C, 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3x40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDie) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3x40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time No. of Container		Remarks	
Project Name: PG&E Hinkley - GMP Project Number: 30046045		Sample ID/Location		Sample Date		Sample Time		Others			
Item No.		Laboratory Work Order No.		Sample No.		1206		3			
N044864-14		MW-194S1-Q221		4/8/2021		1206		X			
-15		MW-195S1-Q221		4/8/2021		1413		X			
-16		MW-130S2-Q221		4/8/2021		1452		X			
-17		MW-131S1-Q221		4/8/2021		1538		X			
-18		MW-174S1-Q221		4/8/2021		0843		X			
-19		MW-173S1-Q221		4/8/2021		0951		X			
-20		MW-201S-Q221		4/8/2021		1044		X			
-21		MW-202S-Q221		4/8/2021		1125		X			
-22		MW-153S-Q221		4/8/2021		1208		X			
-23		EX-36-Q221		4/8/2021		1253		X			
-24		MW-121D-Q221		4/8/2021		1403		X			
-25		MW-121S-Q221		4/8/2021		1437		X			
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/6/21 1610		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/6/21 1610		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/6/21 1915		Relinquished by (Signature and Printed Name): [Signature] Date/Time:		Turn Around Time (TAT) A < 24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction:	
Terms 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Custom EDO formats will be an additional 3% of the total project price.		5. Trip Blank and Equipment Blank are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Plint J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/6/2021 Workorder: N044864
Rep sample Temp (Deg C): 5.0/2.6/1.4 IR Gun ID: 2
Temp Blank: ☒ Yes ☐ No
Carrier name: ASSET
Last 4 digits of Tracking No.: NA Packing Material Used: None
Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YR 4/8/2021

Reviewed By: ABC 4/9/2021

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044864

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044864-001A	MW-164D-Q221	4/6/2021 2:35:00 PM	4/20/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-001B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-002A	MW-164S-Q221	4/6/2021 12:38:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-002B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-003A	MW-203D-Q221	4/6/2021 2:10:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-003B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-004A	MW-196S1-Q221	4/6/2021 10:13:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-004B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-005A	MW-185S3-Q221	4/6/2021 11:11:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-005B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-006A	MW-188S1-Q221	4/6/2021 9:25:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-006B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-007A	MW-193S1-Q221	4/6/2021 12:05:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-007B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-008A	MW-161S2-Q221	4/6/2021 2:01:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044864

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044864-008B	MW-161S2-Q221	4/6/2021 2:01:00 PM	4/20/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-009A	MW-162S1-Q221	4/6/2021 12:57:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-009B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-010A	MW-212S1-Q221	4/6/2021 3:05:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-010B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-011A	MW-184S2-Q221	4/6/2021 9:11:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-011B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-012A	MW-205S2-Q221	4/6/2021 10:07:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-012B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-013A	MW-186S2-Q221	4/6/2021 12:47:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-013B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-014A	MW-194S1-Q221	4/6/2021 12:06:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-014B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-015A	MW-195S1-Q221	4/6/2021 2:13:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-015B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044864

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044864-015B	MW-195S1-Q221	4/6/2021 2:13:00 PM	4/20/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-016A	MW-130S2-Q221	4/6/2021 2:52:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-016B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-017A	MW-131S1-Q221	4/6/2021 3:38:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-017B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-018A	MW-174S1-Q221	4/6/2021 8:43:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-018B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-019A	MW-173S1-Q221	4/6/2021 9:51:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-019B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-020A	MW-201S-Q221	4/6/2021 10:44:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-020B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-021A	MW-202S-Q221	4/6/2021 11:25:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-021B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-022A	MW-153S-Q221	4/6/2021 12:08:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-022B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044864

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044864-023A	EX-36-Q221	4/6/2021 12:53:00 PM	4/20/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-023B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-024A	MW-121D-Q221	4/6/2021 2:03:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-024B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-025A	MW-121S-Q221	4/6/2021 2:37:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-025B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044864-026A	FOLDER	4/20/2021	4/20/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/20/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/20/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 20, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044868

RE: PG&E Hinkley - GMP, 30046045

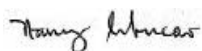
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 06, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044868

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

ASSET Laboratories**Date:** 20-Apr-21**CLIENT:** ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N044868**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044868-001A	MW-213D-Q221	Groundwater	4/6/2021 8:41:00 AM	4/6/2021	4/20/2021
N044868-001B	MW-213D-Q221	Groundwater	4/6/2021 8:41:00 AM	4/6/2021	4/20/2021
N044868-002A	MW-213S-Q221	Groundwater	4/6/2021 9:25:00 AM	4/6/2021	4/20/2021
N044868-002B	MW-213S-Q221	Groundwater	4/6/2021 9:25:00 AM	4/6/2021	4/20/2021
N044868-003A	MW-214D-Q221	Groundwater	4/6/2021 10:28:00 AM	4/6/2021	4/20/2021
N044868-003B	MW-214D-Q221	Groundwater	4/6/2021 10:28:00 AM	4/6/2021	4/20/2021
N044868-004A	MW-214S-Q221	Groundwater	4/6/2021 11:06:00 AM	4/6/2021	4/20/2021
N044868-004B	MW-214S-Q221	Groundwater	4/6/2021 11:06:00 AM	4/6/2021	4/20/2021
N044868-005A	MW-215D-Q221	Groundwater	4/6/2021 1:11:00 PM	4/6/2021	4/20/2021
N044868-005B	MW-215D-Q221	Groundwater	4/6/2021 1:11:00 PM	4/6/2021	4/20/2021
N044868-006A	MW-215S-Q221	Groundwater	4/6/2021 12:13:00 PM	4/6/2021	4/20/2021
N044868-006B	MW-215S-Q221	Groundwater	4/6/2021 12:13:00 PM	4/6/2021	4/20/2021
N044868-007A	MW-216D-Q221	Groundwater	4/6/2021 2:16:00 PM	4/6/2021	4/20/2021
N044868-007B	MW-216D-Q221	Groundwater	4/6/2021 2:16:00 PM	4/6/2021	4/20/2021
N044868-008A	EB-706-Q221	Groundwater	4/6/2021 2:47:00 PM	4/6/2021	4/20/2021
N044868-009A	EB-707-Q221	Groundwater	4/6/2021 2:25:00 PM	4/6/2021	4/20/2021
N044868-010A	EB-708-Q221	Groundwater	4/6/2021 3:15:00 PM	4/6/2021	4/20/2021
N044868-011A	EB-709-Q221	Groundwater	4/6/2021 3:50:00 PM	4/6/2021	4/20/2021
N044868-012A	EB-710-Q221	Groundwater	4/6/2021 2:50:00 PM	4/6/2021	4/20/2021

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-001

Client Sample ID: MW-213D-Q221
Collection Date: 4/6/2021 8:41:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407A	QC Batch: R151905			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/7/2021 11:14 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965			PrepDate:	4/7/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/7/2021 04:12 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-002

Client Sample ID: MW-213S-Q221
Collection Date: 4/6/2021 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.0	0.033	0.20		µg/L	1	4/7/2021 11:23 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	3.3	0.13	1.0		µg/L	1	4/7/2021 04:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-003

Client Sample ID: MW-214D-Q221
Collection Date: 4/6/2021 10:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/7/2021 11:32 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/7/2021 04:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-004

Client Sample ID: MW-214S-Q221
Collection Date: 4/6/2021 11:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.8	0.033	0.20		µg/L	1	4/7/2021 11:42 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	3.2	0.13	1.0		µg/L	1	4/7/2021 04:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-005

Client Sample ID: MW-215D-Q221
Collection Date: 4/6/2021 1:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.7	0.033	0.20		µg/L	1	4/7/2021 12:39 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	2.3	0.13	1.0		µg/L	1	4/7/2021 04:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-006

Client Sample ID: MW-215S-Q221
Collection Date: 4/6/2021 12:13:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.80	0.033	0.20		µg/L	1	4/7/2021 12:48 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	1.1	0.13	1.0		µg/L	1	4/7/2021 05:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-007

Client Sample ID: MW-216D-Q221
Collection Date: 4/6/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/7/2021 12:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP7_210407A	QC Batch: 86965		PrepDate: 4/7/2021		Analyst: CEI		
Chromium	2.3	0.13	1.0		µg/L	1	4/7/2021 05:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-008

Client Sample ID: EB-706-Q221
Collection Date: 4/6/2021 2:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/7/2021 01:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-009

Client Sample ID: EB-707-Q221
Collection Date: 4/6/2021 2:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/7/2021 01:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-010

Client Sample ID: EB-708-Q221
Collection Date: 4/6/2021 3:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC

EPA 218.6

RunID: NV00922-IC7_210407A	QC Batch: R151905	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND 0.033 0.20	µg/L	1 4/7/2021 01:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-011

Client Sample ID: EB-709-Q221
Collection Date: 4/6/2021 3:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/7/2021 01:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044868
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044868-012

Client Sample ID: EB-710-Q221
Collection Date: 4/6/2021 2:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210407A	QC Batch: R151905		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/7/2021 01:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044868
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R151905	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: PBW	Batch ID: R151905	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4166710	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R151905	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: LCSW	Batch ID: R151905	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4166711	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.048	0.20	5.000	0	101 90 110

Sample ID N044862-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: ZZZZZZ	Batch ID: R151905	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4166713	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.814	0.20	1.000	0.7681	105 90 110

Sample ID N044862-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: ZZZZZZ	Batch ID: R151905	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4166714	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.010	0.20	1.000	1.994	102 90 110

Sample ID N044862-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151905
Client ID: ZZZZZZ	Batch ID: R151905	TestNo: EPA 218.6	Analysis Date: 4/7/2021	SeqNo: 4166716	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.432	0.20	1.000	2.346	109 90 110

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044868
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044862-004AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151905		
Client ID:	ZZZZZZ	Batch ID:	R151905	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4166718		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.529	0.20	1.000	1.532	99.8	90	110							
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Sample ID	N044862-005AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151905		
Client ID:	ZZZZZZ	Batch ID:	R151905	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4166722		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.231	0.20	1.000	2.166	106	90	110							
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Sample ID	N044862-004AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151905		
Client ID:	ZZZZZZ	Batch ID:	R151905	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4166729		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.563	0.20	1.000	1.532	103	90	110	2.529	1.33	20				
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Sample ID	N044862-001ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151905		
Client ID:	ZZZZZZ	Batch ID:	R151905	TestNo:	EPA 218.6			Analysis Date:	4/7/2021	SeqNo:	4166730		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.741	0.20									0.7681	3.54	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044868
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86965	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	PBW	Batch ID:	86965	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167401		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-86965	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	LCSW	Batch ID:	86965	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167402		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	9.980	1.0	10.00	0	99.8	85	115							
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Sample ID	N044862-001B-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	ZZZZZZ	Batch ID:	86965	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167406		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	11.113	1.0	10.00	1.587	95.3	75	125							
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Sample ID	N044862-001B-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/7/2021	RunNo:	151916		
Client ID:	ZZZZZZ	Batch ID:	86965	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/7/2021	SeqNo:	4167407		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.930	1.0	10.00	1.587	93.4	75	125	11.11	1.66	20				
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page 3 of 3

ARCUS02
FOLDER
N044868-013A
C: 4/20/2021 12:00 AM
R: 4/6/2021
1 of 1



Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N	
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		P.O.#		Global ID:	
Submitted By: Josh Alessi		Phone: 1 916 865 3168		Fax:		Specifiy: EQ EDD		LEVEL III		LEVEL IV	
Title: Field Tech		Signature: [Signature]		Date: 4-6-21		I hereby authorize ASSET Labs to perform the tests indicated below.		Regulatory		Specify State:	
Project Name: PG&E Hinkley - GMP		Project Number: 30046045		Signature: [Signature]		Date: 04/06/21		Ground-water		Sediment	
Matrix		Ground-water		x		Sediment		Potable		Soil	
NPDES		Other		Solid		Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly		Anions (E300.0) NO3N; 4°C; 1000ml Poly	
Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		TDS (SM2540C); 4°C; 1000ml Poly		Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C; 3x40 ml VOA		Metals Dissolved (E202AFFF) As; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202AFFF) Fe; HNO3, 4°C; 500 ml Poly	
Metals Dissolved (E202AFFF) Mn; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202AFFF) Cr; HNO3, 4°C; 500 ml Poly		Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly		TPH-D (E015B) 3x1 Liter Amber Glass, 4°C		TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	
TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C		TOC (SM5310) H2SO4, 4°C; 3x40 ml VOA		Anions (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time		No. of Container		Remarks	
N044868-01		MW-213D-Q221		4/6/2021		0841		X			
-02		MW-213S-Q221		4/6/2021		0925		X			
-03		MW-214D-Q221		4/6/2021		1028		X			
-04		MW-214S-Q221		4/6/2021		1106		X			
-05		MW-215D-Q221		4/6/2021		1311		X			
-06		MW-215S-Q221		4/6/2021		1213		X			
-07		MW-216D-Q221		4/6/2021		1416		X			
-08		EB-706-Q221		4/6/2021		1447		X			
-09		EB-707-Q221		4/6/2021		1425		X			
-10		EB-708-Q221		4/6/2021		1515		X			
-11		EB-709-Q221		4/6/2021		1550		X			
-12		EB-710-Q221		4/6/2021		1450		X			
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4-6-21 1610		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/6/21 1610		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/6/21 1915		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/6/21 1915		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays			
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/6/21 1915		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/6/21 1915		TAT Starts at 8 AM the following day if samples received after 3:00PM.			
Terms		5. Trip Blank and Equipment Blank are dilutable sample.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 days.		8. All reports are submitted in electronic format. Please Inform ASSET Laboratories if hard copy of report is needed.		9. For subcontract analysis, TAT and Surcharges will vary.	
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis		Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%		3. Custom EDD formats will be an additional 3% of the total project price.		4. Add 10% surcharge for Level III Data Packages. 15% for Level IV Data Packages. Surcharges applied on total!		Preservatives:	
H=HCL		N=HNO3		S=H2SO4		C=4°C		T=Tube		V=VOA	
Z=Zn(AC)2		O=NaOH		T=Na2S2O3				J=Jar		B=Tedlar	
Others/Specify:		B		(NH4)2SO4/NH4OH				M=Metal		C=Can	

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/6/2021 Workorder: N044868
Rep sample Temp (Deg C): 5.0/2.6/1.4 IR Gun ID: 2
Temp Blank: ☒ Yes ☐ No
Carrier name: ASSET
Last 4 digits of Tracking No.: NA Packing Material Used: None
Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YRJ 4/8/2021

Reviewed By: ABC 4/9/2021

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044868

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044868-001A	MW-213D-Q221	4/6/2021 8:41:00 AM	4/20/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-001B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-002A	MW-213S-Q221	4/6/2021 9:25:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-002B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-003A	MW-214D-Q221	4/6/2021 10:28:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-003B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-004A	MW-214S-Q221	4/6/2021 11:06:00 AM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-004B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-005A	MW-215D-Q221	4/6/2021 1:11:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-005B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-006A	MW-215S-Q221	4/6/2021 12:13:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-006B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-007A	MW-216D-Q221	4/6/2021 2:16:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-007B			4/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-008A	EB-706-Q221	4/6/2021 2:47:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044868

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044868-009A	EB-707-Q221	4/6/2021 2:25:00 PM	4/20/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-010A	EB-708-Q221	4/6/2021 3:15:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-011A	EB-709-Q221	4/6/2021 3:50:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-012A	EB-710-Q221	4/6/2021 2:50:00 PM	4/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044868-013A	FOLDER	4/20/2021	4/20/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/20/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/20/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 21, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044887

RE: PG&E Hinkley - GMP, 30046045

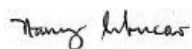
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 07, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044887

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N044888-008EMS, N044888-008EMSD, N044888-009CMS, N044888-009CMSD, N044890-008EMS and N044890-008EMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (3.1 ug/L) and hexavalent chromium (1.1 ug/L) for sample N044887-011 (EX-03-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (3.1 ug/L) and hexavalent chromium (1.1 ug/L) for sample N044887-011 (EX-03-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.0 and 2.5 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

ASSET Laboratories**Date:** 21-Apr-21**CLIENT:** ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N044887**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044887-001A	MW-139S1-Q221	Groundwater	4/7/2021 3:17:00 PM	4/7/2021	4/21/2021
N044887-001B	MW-139S1-Q221	Groundwater	4/7/2021 3:17:00 PM	4/7/2021	4/21/2021
N044887-002A	MW-140S1-Q221	Groundwater	4/7/2021 9:36:00 AM	4/7/2021	4/21/2021
N044887-002B	MW-140S1-Q221	Groundwater	4/7/2021 9:36:00 AM	4/7/2021	4/21/2021
N044887-003A	MW-141S2-Q221	Groundwater	4/7/2021 8:33:00 AM	4/7/2021	4/21/2021
N044887-003B	MW-141S2-Q221	Groundwater	4/7/2021 8:33:00 AM	4/7/2021	4/21/2021
N044887-004A	MW-142S2-Q221	Groundwater	4/7/2021 2:24:00 PM	4/7/2021	4/21/2021
N044887-004B	MW-142S2-Q221	Groundwater	4/7/2021 2:24:00 PM	4/7/2021	4/21/2021
N044887-005A	MW-104S1-Q221	Groundwater	4/7/2021 1:39:00 PM	4/7/2021	4/21/2021
N044887-005B	MW-104S1-Q221	Groundwater	4/7/2021 1:39:00 PM	4/7/2021	4/21/2021
N044887-006A	MW-106D-Q221	Groundwater	4/7/2021 10:34:00 AM	4/7/2021	4/21/2021
N044887-006B	MW-106D-Q221	Groundwater	4/7/2021 10:34:00 AM	4/7/2021	4/21/2021
N044887-006C	MW-106D-Q221	Groundwater	4/7/2021 10:34:00 AM	4/7/2021	4/21/2021
N044887-007A	MW-106S-Q221	Groundwater	4/7/2021 11:16:00 AM	4/7/2021	4/21/2021
N044887-007B	MW-106S-Q221	Groundwater	4/7/2021 11:16:00 AM	4/7/2021	4/21/2021
N044887-007C	MW-106S-Q221	Groundwater	4/7/2021 11:16:00 AM	4/7/2021	4/21/2021
N044887-007D	MW-106S-Q221	Groundwater	4/7/2021 11:16:00 AM	4/7/2021	4/21/2021
N044887-008A	MW-915-Q221	Groundwater	4/7/2021 11:26:00 AM	4/7/2021	4/21/2021
N044887-008B	MW-915-Q221	Groundwater	4/7/2021 11:26:00 AM	4/7/2021	4/21/2021
N044887-008C	MW-915-Q221	Groundwater	4/7/2021 11:26:00 AM	4/7/2021	4/21/2021
N044887-008D	MW-915-Q221	Groundwater	4/7/2021 11:26:00 AM	4/7/2021	4/21/2021
N044887-009A	MW-226S-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044887-009B	MW-226S-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044887-010A	EB-713-Q221	Groundwater	4/7/2021 3:21:00 PM	4/7/2021	4/21/2021
N044887-011A	EX-03-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044887-011B	EX-03-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044887-012A	EX-04-Q221	Groundwater	4/7/2021 12:05:00 PM	4/7/2021	4/21/2021
N044887-012B	EX-04-Q221	Groundwater	4/7/2021 12:05:00 PM	4/7/2021	4/21/2021
N044887-013A	MW-912-Q221	Groundwater	4/7/2021 12:15:00 PM	4/7/2021	4/21/2021

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044887
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044887-013B	MW-912-Q221	Groundwater	4/7/2021 12:15:00 PM	4/7/2021	4/21/2021
N044887-014A	EX-05-Q221	Groundwater	4/7/2021 11:10:00 AM	4/7/2021	4/21/2021
N044887-014B	EX-05-Q221	Groundwater	4/7/2021 11:10:00 AM	4/7/2021	4/21/2021
N044887-015A	EX-16-Q221	Groundwater	4/7/2021 11:28:00 AM	4/7/2021	4/21/2021
N044887-015B	EX-16-Q221	Groundwater	4/7/2021 11:28:00 AM	4/7/2021	4/21/2021
N044887-016A	EX-20-Q221	Groundwater	4/7/2021 11:45:00 AM	4/7/2021	4/21/2021
N044887-016B	EX-20-Q221	Groundwater	4/7/2021 11:45:00 AM	4/7/2021	4/21/2021
N044887-017A	EX-31-Q221	Groundwater	4/7/2021 2:00:00 PM	4/7/2021	4/21/2021
N044887-017B	EX-31-Q221	Groundwater	4/7/2021 2:00:00 PM	4/7/2021	4/21/2021
N044887-018A	MW-913-Q221	Groundwater	4/7/2021 2:10:00 PM	4/7/2021	4/21/2021
N044887-018B	MW-913-Q221	Groundwater	4/7/2021 2:10:00 PM	4/7/2021	4/21/2021
N044887-019A	EX-32-Q221	Groundwater	4/7/2021 2:05:00 PM	4/7/2021	4/21/2021
N044887-019B	EX-32-Q221	Groundwater	4/7/2021 2:05:00 PM	4/7/2021	4/21/2021
N044887-019C	EX-32-Q221	Groundwater	4/7/2021 2:05:00 PM	4/7/2021	4/21/2021
N044887-019D	EX-32-Q221	Groundwater	4/7/2021 2:05:00 PM	4/7/2021	4/21/2021
N044887-019E	EX-32-Q221	Groundwater	4/7/2021 2:05:00 PM	4/7/2021	4/21/2021
N044887-020A	EX-33-Q221	Groundwater	4/7/2021 2:23:00 PM	4/7/2021	4/21/2021
N044887-020B	EX-33-Q221	Groundwater	4/7/2021 2:23:00 PM	4/7/2021	4/21/2021
N044887-020C	EX-33-Q221	Groundwater	4/7/2021 2:23:00 PM	4/7/2021	4/21/2021
N044887-020D	EX-33-Q221	Groundwater	4/7/2021 2:23:00 PM	4/7/2021	4/21/2021
N044887-020E	EX-33-Q221	Groundwater	4/7/2021 2:23:00 PM	4/7/2021	4/21/2021
N044887-021A	MW-914-Q221	Groundwater	4/7/2021 2:33:00 PM	4/7/2021	4/21/2021
N044887-021B	MW-914-Q221	Groundwater	4/7/2021 2:33:00 PM	4/7/2021	4/21/2021
N044887-021C	MW-914-Q221	Groundwater	4/7/2021 2:33:00 PM	4/7/2021	4/21/2021
N044887-021D	MW-914-Q221	Groundwater	4/7/2021 2:33:00 PM	4/7/2021	4/21/2021
N044887-021E	MW-914-Q221	Groundwater	4/7/2021 2:33:00 PM	4/7/2021	4/21/2021

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-006

Client Sample ID: MW-106D-Q221
Collection Date: 4/7/2021 10:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408F	QC Batch: 86994			PrepDate:	4/8/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	230	10	10	mg/L	1	4/8/2021 02:08 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-007

Client Sample ID: MW-106S-Q221
Collection Date: 4/7/2021 11:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210408F	QC Batch: 86994			PrepDate: 4/8/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	480	10	10	mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-008

Client Sample ID: MW-915-Q221
Collection Date: 4/7/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408F	QC Batch: 86994		PrepDate: 4/8/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	480	10	10		mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-019

Client Sample ID: EX-32-Q221
Collection Date: 4/7/2021 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408F	QC Batch: 86994		PrepDate: 4/8/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	1400	17	17		mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-020

Client Sample ID: EX-33-Q221
Collection Date: 4/7/2021 2:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408F	QC Batch: 86994		PrepDate: 4/8/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	3100	33	33		mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-021

Client Sample ID: MW-914-Q221
Collection Date: 4/7/2021 2:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408F	QC Batch: 86994			PrepDate:	4/8/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	3300	33	33	mg/L	1	4/8/2021 02:08 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID LCS-86994	SampType: LCS	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151957
Client ID: LCSW	Batch ID: 86994	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168612	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	972.000	10	1000	0	97.2 80 120

Sample ID MB-86994	SampType: MBLK	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151957
Client ID: PBW	Batch ID: 86994	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168613	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	ND	10			

Sample ID N044878-001ADUP	SampType: DUP	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151957
Client ID: ZZZZZZ	Batch ID: 86994	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168615	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	2940.000	200			2840 3.46 5

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-006

Client Sample ID: MW-106D-Q221
Collection Date: 4/7/2021 10:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210409A **QC Batch:** 86988 **PrepDate:** 4/8/2021 **Analyst:** CEI
 Uranium 1.2 0.056 0.67 pCi/L 1 4/9/2021 09:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-007

Client Sample ID: MW-106S-Q221
Collection Date: 4/7/2021 11:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210409A	QC Batch: 86988		PrepDate: 4/8/2021		Analyst: CEI		
Uranium	8.8	0.056	0.67		pCi/L	1	4/9/2021 09:47 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-008

Client Sample ID: MW-915-Q221
Collection Date: 4/7/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	8.7	0.056	0.67	pCi/L	1	4/9/2021 09:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-019

Client Sample ID: EX-32-Q221
Collection Date: 4/7/2021 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	19	0.056	0.67	pCi/L	1	4/9/2021 09:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-020

Client Sample ID: EX-33-Q221
Collection Date: 4/7/2021 2:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI		
Uranium	60	0.056	0.67	pCi/L	1	4/9/2021 10:58 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-021

Client Sample ID: MW-914-Q221
Collection Date: 4/7/2021 2:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	59	0.056	0.67	pCi/L	1	4/9/2021 11:04 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-86988	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: PBW	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170511						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	ND	0.67										

Sample ID LCS-86988	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: LCSW	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	6.627	0.67	6.700	0	98.9	85	115					

Sample ID N044887-006CMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170516						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	8.279	0.67	6.700	1.159	106	75	125					

Sample ID N044887-006CMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170517						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	8.186	0.67	6.700	1.159	105	75	125	8.279	1.12	20		

Sample ID N044887-019DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170525						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	26.173	0.67	6.700	18.56	114	75	125					

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044887-019DMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170526							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	26.183	0.67	6.700	18.56	114	75	125	26.17	0.0389	20	
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Sample ID	N044888-003DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170532						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.473	0.67	6.700	7.805	99.5	75	125				
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Sample ID	N044888-003DMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170535							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.506	0.67	6.700	7.805	100	75	125	14.47	0.228	20	
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Sample ID	N044888-006DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170540						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.014	0.67	6.700	7.308	100	75	125				
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Sample ID	N044888-006DMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170541							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	13.930	0.67	6.700	7.308	98.8	75	125	14.01	0.601	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044888-008EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170550						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	34.359	0.67	6.700	29.97	65.4	75	125				S
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Sample ID	N044888-008EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170551						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	34.842	0.67	6.700	29.97	72.6	75	125	34.36	1.40	20	S
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Sample ID	N044888-009CMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170555						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.993	0.67	6.700	29.18	56.9	75	125				S
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Sample ID	N044888-009CMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170556							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.925	0.67	6.700	29.18	55.9	75	125	32.99	0.207	20	S
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Sample ID	N044890-008EMS	SampType:	MS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/8/2021	RunNo:	151988		
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8	Analysis Date:	4/9/2021	SeqNo:	4170567				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.413	0.67	6.700	28.08	64.7	75	125				S
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044890-008EMSD	SampType: MSD	TestCode: 200.8DIS_U_ Units: pCi/L			Prep Date: 4/8/2021			RunNo: 151988			
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021			SeqNo: 4170568			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		32.271	0.67	6.700	28.08	62.6	75	125	32.41	0.439	20	S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID	N044887-006C-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170515		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	8.229	0.67	6.700	1.159	106	80	120				

Sample ID	N044887-019D-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170524		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	26.049	0.67	6.700	18.56	112	80	120				

Sample ID	N044888-003D-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170531		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	14.445	0.67	6.700	7.805	99.1	80	120				

Sample ID	N044888-008E-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170549		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	34.826	0.67	6.700	29.97	72.4	80	120				S

Sample ID	N044888-009C-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170554		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	33.697	0.67	6.700	29.18	67.4	80	120				S

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044888-006D-PS	SampType:	PS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:		RunNo:	151988
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170560
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Uranium	14.187	0.67	6.700	7.308	103	80	120				
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Sample ID	N044890-008E-PS	SampType:	PS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:		RunNo:	151988
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170566
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Uranium	32.711	0.67	6.700	28.08	69.1	80	120				S
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-001

Client Sample ID: MW-139S1-Q221
Collection Date: 4/7/2021 3:17:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.7	0.033	0.20		µg/L	1	4/8/2021 10:03 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	4.2	0.13	1.0		µg/L	1	4/9/2021 11:46 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-002

Client Sample ID: MW-140S1-Q221
Collection Date: 4/7/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	5.1	0.033	0.20		µg/L	1	4/8/2021 10:13 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	5.2	0.13	1.0		µg/L	1	4/9/2021 11:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-003

Client Sample ID: MW-141S2-Q221
Collection Date: 4/7/2021 8:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.1	0.033	0.20		µg/L	1	4/8/2021 09:35 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	4.5	0.13	1.0		µg/L	1	4/9/2021 11:58 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-004

Client Sample ID: MW-142S2-Q221
Collection Date: 4/7/2021 2:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.033	0.20		µg/L	1	4/8/2021 10:41 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.3	0.13	1.0		µg/L	1	4/9/2021 12:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-005

Client Sample ID: MW-104S1-Q221
Collection Date: 4/7/2021 1:39:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.1	0.033	0.20		µg/L	1	4/8/2021 10:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.4	0.13	1.0		µg/L	1	4/9/2021 12:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-007

Client Sample ID: MW-106S-Q221
Collection Date: 4/7/2021 11:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.0	0.033	0.20		µg/L	1	4/8/2021 11:00 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.3	0.13	1.0		µg/L	1	4/9/2021 12:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-008

Client Sample ID: MW-915-Q221
Collection Date: 4/7/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.1	0.033	0.20		µg/L	1	4/8/2021 11:09 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.3	0.13	1.0		µg/L	1	4/9/2021 12:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-009

Client Sample ID: MW-226S-Q221
Collection Date: 4/7/2021 12:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.8	0.033	0.20		µg/L	1	4/8/2021 11:19 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.1	0.13	1.0		µg/L	1	4/9/2021 12:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-010

Client Sample ID: EB-713-Q221
Collection Date: 4/7/2021 3:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/8/2021 11:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-011

Client Sample ID: EX-03-Q221
Collection Date: 4/7/2021 12:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/8/2021 11:38 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.1	0.13	1.0		µg/L	1	4/9/2021 12:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-012

Client Sample ID: EX-04-Q221
Collection Date: 4/7/2021 12:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/8/2021 11:47 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.7	0.13	1.0		µg/L	1	4/9/2021 01:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-013

Client Sample ID: MW-912-Q221
Collection Date: 4/7/2021 12:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/8/2021 11:57 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.7	0.13	1.0		µg/L	1	4/9/2021 01:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-014

Client Sample ID: EX-05-Q221
Collection Date: 4/7/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.99	0.033	0.20		µg/L	1	4/9/2021 12:06 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.1	0.13	1.0		µg/L	1	4/9/2021 01:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-015

Client Sample ID: EX-16-Q221
Collection Date: 4/7/2021 11:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/14/2021 10:26 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.2	0.13	1.0		µg/L	1	4/9/2021 01:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-016

Client Sample ID: EX-20-Q221
Collection Date: 4/7/2021 11:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/9/2021 12:44 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/9/2021 01:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-017

Client Sample ID: EX-31-Q221
Collection Date: 4/7/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	5.8	0.033	0.20		µg/L	1	4/9/2021 12:54 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	5.7	0.13	1.0		µg/L	1	4/9/2021 01:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-018

Client Sample ID: MW-913-Q221
Collection Date: 4/7/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	5.8	0.033	0.20		µg/L	1	4/9/2021 01:03 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	5.9	0.13	1.0		µg/L	1	4/9/2021 01:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-019

Client Sample ID: EX-32-Q221
Collection Date: 4/7/2021 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/8/2021 09:07 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	2.0	0.13	1.0		µg/L	1	4/9/2021 01:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-020

Client Sample ID: EX-33-Q221
Collection Date: 4/7/2021 2:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/9/2021 01:12 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	2.4	0.13	1.0		µg/L	1	4/9/2021 02:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-021

Client Sample ID: MW-914-Q221
Collection Date: 4/7/2021 2:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408C	QC Batch: R151962		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/9/2021 01:22 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86984		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	2.4	0.13	1.0		µg/L	1	4/9/2021 02:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R151962	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151962
Client ID: PBW	Batch ID: R151962	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169180	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R151962	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151962
Client ID: LCSW	Batch ID: R151962	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169181	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.063	0.20	5.000	0	101 90 110

Sample ID N044887-019AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151962
Client ID: ZZZZZZ	Batch ID: R151962	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169183	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.541	0.20	1.000	1.544	99.7 90 110

Sample ID N044887-019AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151962
Client ID: ZZZZZZ	Batch ID: R151962	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169184	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.601	0.20	1.000	1.544	106 90 110 2.541 2.36 20

Sample ID N044887-003ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151962
Client ID: ZZZZZZ	Batch ID: R151962	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169186	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.064	0.20			4.079 0.364 20

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044887-003AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151962
Client ID:	ZZZZZZ	Batch ID:	R151962	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169187
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Hexavalent Chromium		9.170		0.20	5.000	4.079	102	90	110		

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID MB-R152070	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070
Client ID: PBW	Batch ID: R152070	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174189	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID LCS-R152070	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070
Client ID: LCSW	Batch ID: R152070	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174190	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 4.979 0.20 5.000 0 99.6 90 110

Sample ID N044959-012AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070
Client ID: ZZZZZZ	Batch ID: R152070	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174192	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 3.563 0.20 1.000 2.537 103 90 110

Sample ID N044959-012AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070
Client ID: ZZZZZZ	Batch ID: R152070	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174193	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 3.578 0.20 1.000 2.537 104 90 110 3.563 0.403 20

Sample ID N044959-021ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070
Client ID: ZZZZZZ	Batch ID: R152070	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174197	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 0.320 0.20 0.3298 2.99 20

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044959-021AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152070
Client ID:	ZZZZZZ	Batch ID:	R152070	TestNo:	EPA 218.6			Analysis Date:	4/14/2021	SeqNo:	4174198
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Hexavalent Chromium	1.338	0.20	1.000	0.3298	101	90	110
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Sample ID	N044887-015AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152070
Client ID:	ZZZZZZ	Batch ID:	R152070	TestNo:	EPA 218.6			Analysis Date:	4/14/2021	SeqNo:	4179315
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Hexavalent Chromium	2.142	0.20	1.000	1.102	104	90	110
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86984	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	PBW	Batch ID:	86984	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171511		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID	LCS-86984	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	LCSW	Batch ID:	86984	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171512		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.148 1.0 10.00 0 101 85 115

Sample ID	N044887-019DMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86984	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171538		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 11.200 1.0 10.00 2.009 91.9 75 125

Sample ID	N044887-019DMSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86984	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171539		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 11.252 1.0 10.00 2.009 92.4 75 125 11.20 0.459 20

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-006

Client Sample ID: MW-106D-Q221
Collection Date: 4/7/2021 10:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	ND 0.0087 0.050	mg/L	1 4/8/2021 09:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-007

Client Sample ID: MW-106S-Q221
Collection Date: 4/7/2021 11:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	1.4 0.0087 0.050	mg/L	1 4/8/2021 12:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-008

Client Sample ID: MW-915-Q221
Collection Date: 4/7/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	1.4 0.0087 0.050	mg/L	1 4/8/2021 12:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-019

Client Sample ID: EX-32-Q221
Collection Date: 4/7/2021 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	5.1 0.087 0.50	mg/L	10 4/8/2021 10:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-020

Client Sample ID: EX-33-Q221
Collection Date: 4/7/2021 2:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	24 0.44	2.5 mg/L	50 4/8/2021 11:26 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044887
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044887-021

Client Sample ID: MW-914-Q221
Collection Date: 4/7/2021 2:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	25 0.44	2.5 mg/L	50 4/8/2021 12:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID MB-R151937_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: PBW	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172837	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N ND 0.050

Sample ID LCS-R151937_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: LCSW	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172838	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.246 0.050 1.250 0 99.7 90 110

Sample ID N044887-006AMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172861	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.283 0.050 1.250 0.04180 99.3 80 120

Sample ID N044887-006AMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172862	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.274 0.050 1.250 0.04180 98.5 80 120 1.283 0.735 20

Sample ID N044888-003BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172863	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.591 0.050 1.250 0.3129 102 80 120

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044888-003BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172864						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.608	0.050	1.250	0.3129	104	80	120	1.591	1.09	20
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Sample ID	N044887-019BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937		
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0			Analysis Date:	4/8/2021	SeqNo:	4172865		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	17.777	0.50	12.50	5.068	102	80	120
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Sample ID	N044887-019BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	17.748	0.50	12.50	5.068	101	80	120	17.78	0.163	20
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Sample ID	N044888-006BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172867						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	9.171	0.25	6.250	2.766	102	80	120
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Sample ID	N044888-006BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 151937		
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021				SeqNo: 4172870			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	9.116	0.25	6.250	2.766	102	80	120	9.170	0.602	20
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044888-009AMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	34.748	1.0	25.00	9.288	102	80	120				
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Sample ID	N044888-009AMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172872						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	34.518	1.0	25.00	9.288	101	80	120	34.75	0.664	20	
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Sample ID	N044890-008BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	83.390	2.5	62.50	19.76	102	80	120				
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Sample ID	N044890-008BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	82.640	2.5	62.50	19.76	101	80	120	83.39	0.903	20	
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Sample ID	N044887-020BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937		
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0	Analysis Date:	4/8/2021	SeqNo:	4172875				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	24.880	2.5						24.22	2.67	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044887
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044887-020BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0			Analysis Date:	4/8/2021	SeqNo:	4172876
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Nitrate as N		86.790		2.5	62.50	24.22	100	80	120		

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page 1 of 4

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 California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
 P: 562.219.7435 F: 562.219.7436
 www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled	
Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		Geotracker		RWQCB		2. Headspace	
Phone: 1 916 865 3188		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		Labspec		CalTrans		3. Container Intact	
Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		Others		LEVEL III		4. Seal Present	
Submitted By: <u>Russie Top</u>		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Phone: 951.677.0577		Specify: EQ EDD		LEVEL IV		5. IR number	
Title: <u>Field Tech</u>		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Fax:		Global ID:		Regulatory		6. Method of Cooling:	
Signature: <u>RS</u>		Date: <u>4/7/21</u>		Sampled By: <u>Josh Russi</u>		Matrix		Specify State:		Sample Temp: <u>10°C / 4.8°C</u>	
I hereby authorize ASSET Labs to perform the tests indicated below.		Signature: <u>RS</u>		Date: <u>4-7-21</u>		Ground-water x Sediment		EQ EDD		Cooler: <u>1880T</u>	
Project Name: PG&E Hinkley - GMP		Signature: <u>RS</u>		Date: <u>4-7-21</u>		Potable		Global ID:		Tracking No.:	
Project Number: 30046045		Signature: <u>RS</u>		Date: <u>4-7-21</u>		NPDES		Global ID:		Tracking No.:	
Project Number: 30046045		Signature: <u>RS</u>		Date: <u>4-7-21</u>		Surface		Global ID:		Tracking No.:	

Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E800); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (E2020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E2020AFF) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E2020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E2020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (E015B) 3x1 Liter Amber Glass, 4°C	TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks
	N044887-01	MW-139S1-Q221	4/7/2021	1517		X																	E 2		
	-02	MW-140S1-Q221	4/7/2021	0836		X																	E 2		
	-03	MW-141S2-Q221	4/7/2021	0833		X																	E 2		
	-04	MW-142S2-Q221	4/7/2021	1424		X																	E 2		
	-05	MW-104S1-Q221	4/7/2021	1339		X																	E 2		
	-06	MW-106D-Q221	4/7/2021	1034			X		X							X							E 3		MS/MSD
	-07	MW-106S-Q221	4/7/2021	1116		X	X		X						X	X							E 4		
	-08	MW-915-Q221	4/7/2021	1126		X	X		X						X	X							E 4		
	-09	MW-226S-Q221	4/7/2021	1227		X									X								E 2		
	-10	EB-713-Q221	4/7/2021	1521		X																	E 1		

Relinquished by (Signature and Printed Name): <u>RS Russi Top</u>	Date/Time: <u>4/7/21 1620</u>	Relinquished by (Signature and Printed Name): <u>Romeo Avonterra</u>	Date/Time: <u>4/7/21 1620</u>	Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.	Special Instruction:
Relinquished by (Signature and Printed Name): <u>Romeo Avonterra</u>	Date/Time: <u>4/7/21 1910</u>	Relinquished by (Signature and Printed Name): <u>Romeo Avonterra</u>	Date/Time: <u>4/7/21 1910</u>		
Relinquished by (Signature and Printed Name):	Date/Time:	Relinquished by (Signature and Printed Name):	Date/Time:		

Terms 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20% 3. Custom EDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for Low Volume Data Packages, 10% for Low Volume Data Packages. Surcharges applied on total.		5. Trip Blanks and Equipment Blanks are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.	
Preservatives:	Container Type:		
H=HCL N=HNO3 S=H2SO4 C=4°C	T=Tube V=VOA P=Pin		
Z=Zn(AC)2 O=NaOH T=Na2S2O3	J=Jar B=Tedlar G=Glass		
Others/Specify: B (NH4)2SO4/NH4OH	M=Metal M=Metal C=Can		



Contact us:

Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691

California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assaf laboratories.com

Page 2 of 4

Client: Arcadis		Report to: Tonya Russi		Billing to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N	
Email: tonya.russi@arcadis.com daniel.moore@crtigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		GeoTracker		RWQCB		1. Chilled	
Phone: 1 916 865 3168	Fax:	Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Phone: 951.677.0577		Labspec		CalTrans		2. Headspace	
Submitted By: Riggie Tap		Signature: [Signature]		P.O.#		Others		LEVEL III		3. Container Intact	
Title: Field Tech		Phone: 1 916 865 3168		Fax:		Specify:		EQ EDD		4. Seal Present	
Signature: [Signature] Date: 4/7/21		Sampled By: Nara Tap				Global ID:		Regulatory		5. IR number	
I hereby authorize ASSET Labs to perform the tests indicated below.		Signature: [Signature] Date: 4/7/21						Specify State:		6. Method of Cooling:	
Project Name: PG&E Hinkley - GMP		Project Number: 30046045								Sample Temp: 2.3°C / 4.4°C / 1.1°C	
										Courier: ASSET	
										Tracking No.:	

Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6)	Anions (E300.0)	Ortho-Phosphate (E300.0)	TDS (SM2540C)	Gross Alpha/Beta (E900)	TOC (SM5310)	Metals Dissolved (6020AFF)	Metals Dissolved (6010BDis)	Metals Dissolved (6020AFF)	Metals Dissolved (6020AFF)	Uranium (E200.8FF)	TPH-D (8015B)	TPH-D (8015B)	TPH-Extractables Motor Oil (8015B)	TPH-Extractables Motor Oil (8015B)	TOC (SM5310)	Anions (E300.0)
N044887-11	EX-03-Q221	4/7/2021	1228	X																		
-12	EX-04-Q221	4/7/2021	1205	X																		
-13	MW-912-Q221	4/7/2021	1215	X																		
-14	EX-05-Q221	4/7/2021	1110	X																		
-15	EX-16-Q221	4/7/2021	1128	X																		
-16	EX-20-Q221	4/7/2021	1145	X																		
-17	EX-31-Q221	4/7/2021	1400	X																		
-18	MW-913-Q221	4/7/2021	1410	X																		
-19	EX-32-Q221	4/7/2021	1405	X	X	X	X															
-20	EX-33-Q221	4/7/2021	1423	X	X	X	X															
-21	MW-914-Q221	4/7/2021	1433	X	X	X	X															

Relinquished by (Signature and Printed Name): [Signature] Riggie Tap 4/7/21 1620		Date/Time: 4/7/21 1620		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name): [Signature] Romeo Kucmar 4/7/21 1910		Date/Time: 4/7/21 1910		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays			
Relinquished by (Signature and Printed Name):		Date/Time:		TAT Starts at 8 AM the following day if samples received after 3:00PM.			

Terms		Preservatives:		Container Type:	
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 hrs. >200% Next Day=100% 2 Workdays=30% 3 Workdays=35% 4 Workdays=>20% 3. Custom EDD formats will be an additional 3% of the total project price.		5. Trip Blankets and Equipment Blankets are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Turn ins are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.		H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2O3 Others/Specify: B (NH4)2SO4/NH4OH	
				T=Tube V=VOA P=Pint J=Jar	

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/7/2021 Workorder: N044887
 Rep sample Temp (Deg C): 2.1/4.8/2.3/4.1/1.1/1.7 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YRT 4/8/2021

Reviewed By: ABC 4/9/2021

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044887

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044887-001A	MW-139S1-Q221	4/7/2021 3:17:00 PM	4/21/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-001B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-002A	MW-140S1-Q221	4/7/2021 9:36:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-002B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-003A	MW-141S2-Q221	4/7/2021 8:33:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-003B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-004A	MW-142S2-Q221	4/7/2021 2:24:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-004B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-005A	MW-104S1-Q221	4/7/2021 1:39:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-005B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-006A	MW-106D-Q221	4/7/2021 10:34:00 AM	4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044887-006B			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044887-006C			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044887-007A	MW-106S-Q221	4/7/2021 11:16:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-007B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044887

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044887-007C	MW-106S-Q221	4/7/2021 11:16:00 AM	4/21/2021	Groundwater	SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-007D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-008A	MW-915-Q221	4/7/2021 11:26:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-008B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-008C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-008D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-009A	MW-226S-Q221	4/7/2021 12:27:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-009B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-010A	EB-713-Q221	4/7/2021 3:21:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-011A	EX-03-Q221	4/7/2021 12:27:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-011B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-012A	EX-04-Q221	4/7/2021 12:05:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044887

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044887-012B	EX-04-Q221	4/7/2021 12:05:00 PM	4/21/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-013A	MW-912-Q221	4/7/2021 12:15:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-013B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-014A	EX-05-Q221	4/7/2021 11:10:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-014B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-015A	EX-16-Q221	4/7/2021 11:28:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-015B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-016A	EX-20-Q221	4/7/2021 11:45:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-016B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-017A	EX-31-Q221	4/7/2021 2:00:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-017B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-018A	MW-913-Q221	4/7/2021 2:10:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-018B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-019A	EX-32-Q221	4/7/2021 2:05:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044887-019B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044887

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044887-019C	EX-32-Q221	4/7/2021 2:05:00 PM	4/21/2021	Groundwater	SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044887-019D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044887-019E			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044887-020A	EX-33-Q221	4/7/2021 2:23:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-020B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-020C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-020D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-020E			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044887-021A	MW-914-Q221	4/7/2021 2:33:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-021B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-021C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-021D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044887

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044887-021D	MW-914-Q221	4/7/2021 2:33:00 PM	4/21/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044887-021E			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044887-022A	FOLDER'	4/21/2021	4/21/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/21/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/21/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Nana Tep

08-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044887-019E / EX-32-Q221	Groundwater	4/7/2021 2:05:00 PM	32OZP	1	(MS/MSD)	
N044887-020E / EX-33-Q221	Groundwater	4/7/2021 2:23:00 PM	32OZP	1		
N044887-021E / MW-914-Q221	Groundwater	4/7/2021 2:33:00 PM	32OZP	1		

Please run MS/MSD on sample N044887-019E/ EX-32-Q221

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44887A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by Epa 900.0. EDD requirement Labspec7 edata.

Fedex #: 773391137453

	Date/Time		Date/Time
Relinquished by: <u>YRT</u>	4/8/2021 1100	Received by: _____	
Relinquished by: _____		Received by: _____	

April 21, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044888

RE: PG&E Hinkley - GMP, 30046045

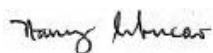
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 07, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044888

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N044888-008EMS, N044888-008EMSD, N044888-009CMS, N044888-009CMSD, N044890-008EMS and N044890-008EMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (3.3 ug/L) and hexavalent chromium (2.1 ug/L) for sample N044888-004 (MW-124S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.5 ug/L) and hexavalent chromium (1.7 ug/L) for sample N044888-006 (MW-124S2-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.5 ug/L) and hexavalent chromium (0.51 ug/L) for sample N044888-012 (MW-45A-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044888

CASE NARRATIVE

Because the results for total dissolved chromium (4.0 ug/L) and hexavalent chromium (2.3 ug/L) for sample N044888-019 (MW-90C-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (3.3 ug/L) and hexavalent chromium (2.1 ug/L) for sample N044888-004 (MW-124S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.3 and 2.2 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.5 ug/L) and hexavalent chromium (1.7 ug/L) for sample N044888-006 (MW-124S2-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.7 and 1.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.5 ug/L) and hexavalent chromium (0.51 ug/L) for sample N044888-012 (MW-45A-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.3 and 0.86 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (4.0 ug/L) and hexavalent chromium (2.3 ug/L) for sample N044888-019 (MW-90C-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.8 and 2.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

ASSET Laboratories**Date:** 21-Apr-21**CLIENT:** ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N044888**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044888-001A	MW-166S1-Q221	Groundwater	4/7/2021 9:07:00 AM	4/7/2021	4/21/2021
N044888-001B	MW-166S1-Q221	Groundwater	4/7/2021 9:07:00 AM	4/7/2021	4/21/2021
N044888-002A	MW-197S1-Q221	Groundwater	4/7/2021 8:24:00 AM	4/7/2021	4/21/2021
N044888-002B	MW-197S1-Q221	Groundwater	4/7/2021 8:24:00 AM	4/7/2021	4/21/2021
N044888-003A	MW-124D-Q221	Groundwater	4/7/2021 11:12:00 AM	4/7/2021	4/21/2021
N044888-003B	MW-124D-Q221	Groundwater	4/7/2021 11:12:00 AM	4/7/2021	4/21/2021
N044888-003C	MW-124D-Q221	Groundwater	4/7/2021 11:12:00 AM	4/7/2021	4/21/2021
N044888-003D	MW-124D-Q221	Groundwater	4/7/2021 11:12:00 AM	4/7/2021	4/21/2021
N044888-004A	MW-124S1-Q221	Groundwater	4/7/2021 10:27:00 AM	4/7/2021	4/21/2021
N044888-004B	MW-124S1-Q221	Groundwater	4/7/2021 10:27:00 AM	4/7/2021	4/21/2021
N044888-004C	MW-124S1-Q221	Groundwater	4/7/2021 10:27:00 AM	4/7/2021	4/21/2021
N044888-004D	MW-124S1-Q221	Groundwater	4/7/2021 10:27:00 AM	4/7/2021	4/21/2021
N044888-005A	MW-917-Q221	Groundwater	4/7/2021 10:37:00 AM	4/7/2021	4/21/2021
N044888-005B	MW-917-Q221	Groundwater	4/7/2021 10:37:00 AM	4/7/2021	4/21/2021
N044888-005C	MW-917-Q221	Groundwater	4/7/2021 10:37:00 AM	4/7/2021	4/21/2021
N044888-005D	MW-917-Q221	Groundwater	4/7/2021 10:37:00 AM	4/7/2021	4/21/2021
N044888-006A	MW-124S2-Q221	Groundwater	4/7/2021 9:56:00 AM	4/7/2021	4/21/2021
N044888-006B	MW-124S2-Q221	Groundwater	4/7/2021 9:56:00 AM	4/7/2021	4/21/2021
N044888-006C	MW-124S2-Q221	Groundwater	4/7/2021 9:56:00 AM	4/7/2021	4/21/2021
N044888-006D	MW-124S2-Q221	Groundwater	4/7/2021 9:56:00 AM	4/7/2021	4/21/2021
N044888-007A	MW-125S1-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044888-007B	MW-125S1-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044888-007C	MW-125S1-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044888-007D	MW-125S1-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044888-007E	MW-125S1-Q221	Groundwater	4/7/2021 12:27:00 PM	4/7/2021	4/21/2021
N044888-008A	MW-918-Q221	Groundwater	4/7/2021 12:37:00 PM	4/7/2021	4/21/2021
N044888-008B	MW-918-Q221	Groundwater	4/7/2021 12:37:00 PM	4/7/2021	4/21/2021
N044888-008C	MW-918-Q221	Groundwater	4/7/2021 12:37:00 PM	4/7/2021	4/21/2021
N044888-008D	MW-918-Q221	Groundwater	4/7/2021 12:37:00 PM	4/7/2021	4/21/2021

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044888
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044888-008E	MW-918-Q221	Groundwater	4/7/2021 12:37:00 PM	4/7/2021	4/21/2021
N044888-009A	MW-125S2-Q221	Groundwater	4/7/2021 11:56:00 AM	4/7/2021	4/21/2021
N044888-009B	MW-125S2-Q221	Groundwater	4/7/2021 11:56:00 AM	4/7/2021	4/21/2021
N044888-009C	MW-125S2-Q221	Groundwater	4/7/2021 11:56:00 AM	4/7/2021	4/21/2021
N044888-010A	EB-711-Q221	Groundwater	4/7/2021 2:13:00 PM	4/7/2021	4/21/2021
N044888-011A	EX-17-Q221	Groundwater	4/7/2021 11:11:00 AM	4/7/2021	4/21/2021
N044888-011B	EX-17-Q221	Groundwater	4/7/2021 11:11:00 AM	4/7/2021	4/21/2021
N044888-012A	MW-45A-Q221	Groundwater	4/7/2021 8:24:00 AM	4/7/2021	4/21/2021
N044888-012B	MW-45A-Q221	Groundwater	4/7/2021 8:24:00 AM	4/7/2021	4/21/2021
N044888-013A	MW-45B-Q221	Groundwater	4/7/2021 9:18:00 AM	4/7/2021	4/21/2021
N044888-013B	MW-45B-Q221	Groundwater	4/7/2021 9:18:00 AM	4/7/2021	4/21/2021
N044888-014A	MW-66A-Q221	Groundwater	4/7/2021 10:06:00 AM	4/7/2021	4/21/2021
N044888-014B	MW-66A-Q221	Groundwater	4/7/2021 10:06:00 AM	4/7/2021	4/21/2021
N044888-015A	MW-76S-Q221	Groundwater	4/7/2021 2:47:00 PM	4/7/2021	4/21/2021
N044888-015B	MW-76S-Q221	Groundwater	4/7/2021 2:47:00 PM	4/7/2021	4/21/2021
N044888-016A	MW-93C-Q221	Groundwater	4/7/2021 12:16:00 PM	4/7/2021	4/21/2021
N044888-016B	MW-93C-Q221	Groundwater	4/7/2021 12:16:00 PM	4/7/2021	4/21/2021
N044888-017A	MW-98C-Q221	Groundwater	4/7/2021 1:04:00 PM	4/7/2021	4/21/2021
N044888-017B	MW-98C-Q221	Groundwater	4/7/2021 1:04:00 PM	4/7/2021	4/21/2021
N044888-018A	MW-47-Q221	Groundwater	4/7/2021 1:53:00 PM	4/7/2021	4/21/2021
N044888-018B	MW-47-Q221	Groundwater	4/7/2021 1:53:00 PM	4/7/2021	4/21/2021
N044888-019A	MW-90C-Q221	Groundwater	4/7/2021 12:42:00 PM	4/7/2021	4/21/2021
N044888-019B	MW-90C-Q221	Groundwater	4/7/2021 12:42:00 PM	4/7/2021	4/21/2021
N044888-020A	EX-21-Q221	Groundwater	4/7/2021 2:18:00 PM	4/7/2021	4/21/2021
N044888-020B	EX-21-Q221	Groundwater	4/7/2021 2:18:00 PM	4/7/2021	4/21/2021
N044888-021A	EB-712-Q221	Groundwater	4/7/2021 3:00:00 PM	4/7/2021	4/21/2021
N044888-022A	EB-714-Q221	Groundwater	4/7/2021 2:40:00 PM	4/7/2021	4/21/2021

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-003

Client Sample ID: MW-124D-Q221
Collection Date: 4/7/2021 11:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210408F	QC Batch: 86994			PrepDate: 4/8/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	370	10	10	mg/L	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-004

Client Sample ID: MW-124S1-Q221
Collection Date: 4/7/2021 10:27:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408F	QC Batch: 86994			PrepDate:	4/8/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	460	10	10	mg/L	1	4/8/2021 02:08 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-005

Client Sample ID: MW-917-Q221
Collection Date: 4/7/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408G	QC Batch: 86995			PrepDate:	4/8/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	450	10	10	mg/L	1	4/8/2021 02:08 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-006

Client Sample ID: MW-124S2-Q221
Collection Date: 4/7/2021 9:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408G	QC Batch: 86995			PrepDate:	4/8/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	710	10	10	mg/L	1	4/8/2021 02:08 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-007

Client Sample ID: MW-125S1-Q221
Collection Date: 4/7/2021 12:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408G	QC Batch: 86995		PrepDate: 4/8/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	2000	20	20		mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-008

Client Sample ID: MW-918-Q221
Collection Date: 4/7/2021 12:37:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210408G	QC Batch: 86995			PrepDate: 4/8/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	2000	20	20	mg/L	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-009

Client Sample ID: MW-125S2-Q221
Collection Date: 4/7/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408G	QC Batch: 86995			PrepDate:	4/8/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	2100	20	20	mg/L	1	4/8/2021 02:08 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID LCS-86994	SampType: LCS	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151957
Client ID: LCSW	Batch ID: 86994	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168612	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	972.000	10	1000	0	97.2 80 120

Sample ID MB-86994	SampType: MBLK	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151957
Client ID: PBW	Batch ID: 86994	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168613	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	ND	10			

Sample ID N044878-001ADUP	SampType: DUP	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151957
Client ID: ZZZZZZ	Batch ID: 86994	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168615	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	2940.000	200			2840 3.46 5

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_2540C_W

Sample ID	LCS-86995	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/8/2021	RunNo:	151958		
Client ID:	LCSW	Batch ID:	86995	TestNo:	SM2540C			Analysis Date:	4/8/2021	SeqNo:	4168625		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera 984.000 10 1000 0 98.4 80 120

Sample ID	MB-86995	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/8/2021	RunNo:	151958		
Client ID:	PBW	Batch ID:	86995	TestNo:	SM2540C			Analysis Date:	4/8/2021	SeqNo:	4168626		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera ND 10

Sample ID	N044888-009BDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/8/2021	RunNo:	151958		
Client ID:	ZZZZZZ	Batch ID:	86995	TestNo:	SM2540C			Analysis Date:	4/8/2021	SeqNo:	4168632		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera 2042.000 20 2054 0.586 5

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-003

Client Sample ID: MW-124D-Q221
Collection Date: 4/7/2021 11:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	7.8	0.056	0.67	pCi/L	1	4/9/2021 11:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-004

Client Sample ID: MW-124S1-Q221
Collection Date: 4/7/2021 10:27:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210409A	QC Batch: 86988		PrepDate: 4/8/2021		Analyst: CEI		
Uranium	5.3	0.056	0.67		pCi/L	1	4/9/2021 11:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-005

Client Sample ID: MW-917-Q221
Collection Date: 4/7/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	5.4	0.056	0.67	pCi/L	1	4/9/2021 11:58 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-006

Client Sample ID: MW-124S2-Q221
Collection Date: 4/7/2021 9:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	7.3	0.056	0.67	pCi/L	1	4/9/2021 12:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-007

Client Sample ID: MW-125S1-Q221
Collection Date: 4/7/2021 12:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	30	0.056	0.67	pCi/L	1	4/9/2021 12:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-008

Client Sample ID: MW-918-Q221
Collection Date: 4/7/2021 12:37:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988	PrepDate: 4/8/2021	Analyst: CEI
Uranium	30 0.056 0.67	pCi/L	1 4/9/2021 12:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-009

Client Sample ID: MW-125S2-Q221
Collection Date: 4/7/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210409A **QC Batch:** 86988 **PrepDate:** 4/8/2021 **Analyst:** CEI
 Uranium 29 0.056 0.67 pCi/L 1 4/9/2021 01:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-86988	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: PBW	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170511						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	ND	0.67										

Sample ID LCS-86988	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: LCSW	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	6.627	0.67	6.700	0	98.9	85	115					

Sample ID N044887-006CMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170516						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	8.279	0.67	6.700	1.159	106	75	125					

Sample ID N044887-006CMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170517						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	8.186	0.67	6.700	1.159	105	75	125	8.279	1.12	20		

Sample ID N044887-019DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170525						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	26.173	0.67	6.700	18.56	114	75	125					

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044887-019DMSD	SampType:	MSD	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/8/2021	RunNo:	151988		
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170526		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	26.183	0.67	6.700	18.56	114	75	125	26.17	0.0389	20
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Sample ID	N044888-003DMS	SampType:	MS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/8/2021	RunNo:	151988		
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170532		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.473	0.67	6.700	7.805	99.5	75	125
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Sample ID	N044888-003DMSD	SampType:	MSD	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/8/2021	RunNo:	151988		
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170535		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.506	0.67	6.700	7.805	100	75	125	14.47	0.228	20
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Sample ID	N044888-006DMS	SampType:	MS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/8/2021	RunNo:	151988		
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170540		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.014	0.67	6.700	7.308	100	75	125
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Sample ID	N044888-006DMSD	SampType:	MSD	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/8/2021	RunNo:	151988		
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170541		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	13.930	0.67	6.700	7.308	98.8	75	125	14.01	0.601	20
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044888-008EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170550						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	34.359	0.67	6.700	29.97	65.4	75	125				S
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Sample ID	N044888-008EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170551						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	34.842	0.67	6.700	29.97	72.6	75	125	34.36	1.40	20	S
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Sample ID	N044888-009CMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170555						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.993	0.67	6.700	29.18	56.9	75	125				S
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Sample ID	N044888-009CMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170556							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.925	0.67	6.700	29.18	55.9	75	125	32.99	0.207	20	S
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Sample ID	N044890-008EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170567						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.413	0.67	6.700	28.08	64.7	75	125				S
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044890-008EMSD	SampType: MSD	TestCode: 200.8DIS_U_ Units: pCi/L			Prep Date: 4/8/2021			RunNo: 151988			
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021			SeqNo: 4170568			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		32.271	0.67	6.700	28.08	62.6	75	125	32.41	0.439	20	S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID	N044887-006C-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170515		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	8.229	0.67	6.700	1.159	106	80	120				

Sample ID	N044887-019D-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170524		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	26.049	0.67	6.700	18.56	112	80	120				

Sample ID	N044888-003D-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170531		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	14.445	0.67	6.700	7.805	99.1	80	120				

Sample ID	N044888-008E-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170549		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	34.826	0.67	6.700	29.97	72.4	80	120				S

Sample ID	N044888-009C-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170554		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	33.697	0.67	6.700	29.18	67.4	80	120				S

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044888-006D-PS	SampType:	PS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:		RunNo:	151988		
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170560		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.187	0.67	6.700	7.308	103	80	120				
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Sample ID	N044890-008E-PS	SampType:	PS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:		RunNo:	151988		
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170566		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.711	0.67	6.700	28.08	69.1	80	120				S
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-001

Client Sample ID: MW-166S1-Q221
Collection Date: 4/7/2021 9:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.30	0.033	0.20		µg/L	1	4/8/2021 05:16 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/9/2021 03:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-002

Client Sample ID: MW-197S1-Q221
Collection Date: 4/7/2021 8:24:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.8	0.033	0.20		µg/L	1	4/8/2021 05:26 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.0	0.13	1.0		µg/L	1	4/9/2021 03:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-003

Client Sample ID: MW-124D-Q221
Collection Date: 4/7/2021 11:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.0	0.033	0.20		µg/L	1	4/8/2021 03:24 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.6	0.13	1.0		µg/L	1	4/9/2021 03:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-004

Client Sample ID: MW-124S1-Q221
Collection Date: 4/7/2021 10:27:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/8/2021 05:35 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.3	0.13	1.0		µg/L	1	4/9/2021 03:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-005

Client Sample ID: MW-917-Q221
Collection Date: 4/7/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/8/2021 05:45 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/9/2021 05:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-006

Client Sample ID: MW-124S2-Q221
Collection Date: 4/7/2021 9:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.7	0.033	0.20		µg/L	1	4/8/2021 03:33 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	2.5	0.13	1.0		µg/L	1	4/9/2021 05:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-007

Client Sample ID: MW-125S1-Q221
Collection Date: 4/7/2021 12:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/8/2021 03:43 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	2.5	0.13	1.0		µg/L	1	4/9/2021 07:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-008

Client Sample ID: MW-918-Q221
Collection Date: 4/7/2021 12:37:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/8/2021 05:54 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	2.5	0.13	1.0		µg/L	1	4/9/2021 07:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-010

Client Sample ID: EB-711-Q221
Collection Date: 4/7/2021 2:13:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/8/2021 06:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-011

Client Sample ID: EX-17-Q221
Collection Date: 4/7/2021 11:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/8/2021 06:24 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/9/2021 08:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-012

Client Sample ID: MW-45A-Q221
Collection Date: 4/7/2021 8:24:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.51	0.033	0.20		µg/L	1	4/8/2021 06:54 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.5	0.13	1.0		µg/L	1	4/9/2021 08:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-013

Client Sample ID: MW-45B-Q221
Collection Date: 4/7/2021 9:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.2	0.033	0.20		µg/L	1	4/8/2021 07:04 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.8	0.13	1.0		µg/L	1	4/9/2021 08:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-014

Client Sample ID: MW-66A-Q221
Collection Date: 4/7/2021 10:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.0	0.033	0.20		µg/L	1	4/8/2021 07:13 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.3	0.13	1.0		µg/L	1	4/9/2021 08:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-015

Client Sample ID: MW-76S-Q221
Collection Date: 4/7/2021 2:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/8/2021 07:22 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.2	0.13	1.0		µg/L	1	4/9/2021 08:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-016

Client Sample ID: MW-93C-Q221
Collection Date: 4/7/2021 12:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/8/2021 07:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/9/2021 09:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-017

Client Sample ID: MW-98C-Q221
Collection Date: 4/7/2021 1:04:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/8/2021 07:41 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/9/2021 09:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-018

Client Sample ID: MW-47-Q221
Collection Date: 4/7/2021 1:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/8/2021 07:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.9	0.13	1.0		µg/L	1	4/9/2021 09:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-019

Client Sample ID: MW-90C-Q221
Collection Date: 4/7/2021 12:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.3	0.033	0.20		µg/L	1	4/8/2021 08:00 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	4.0	0.13	1.0		µg/L	1	4/9/2021 09:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-020

Client Sample ID: EX-21-Q221
Collection Date: 4/7/2021 2:18:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/8/2021 08:10 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86985		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/9/2021 09:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-021

Client Sample ID: EB-712-Q221
Collection Date: 4/7/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210408B	QC Batch: R151961		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/8/2021 08:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-022

Client Sample ID: EB-714-Q221
Collection Date: 4/7/2021 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210409A **QC Batch:** R151964 **PrepDate:** **Analyst:** RAB
 Hexavalent Chromium ND 0.033 0.20 µg/L 1 4/9/2021 12:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID LCS-R151961	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151961
Client ID: LCSW	Batch ID: R151961	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169140	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.143	0.20	5.000	0	103 90 110

Sample ID MB-R151961	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151961
Client ID: PBW	Batch ID: R151961	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169141	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID N044888-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151961
Client ID: ZZZZZZ	Batch ID: R151961	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169145	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.043	0.20	1.000	1.013	103 90 110

Sample ID N044888-003AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151961
Client ID: ZZZZZZ	Batch ID: R151961	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169146	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.034	0.20	1.000	1.013	102 90 110 2.043 0.466 20

Sample ID N044888-007ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151961
Client ID: ZZZZZZ	Batch ID: R151961	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169147	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.969	0.20			1.994 1.27 20

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID N044888-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151961
Client ID: ZZZZZZ	Batch ID: R151961	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169150	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	2.688	0.20	1.000	1.701	98.7	90	110				
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Sample ID N044888-006AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151961
Client ID: ZZZZZZ	Batch ID: R151961	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169151	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	2.691	0.20	1.000	1.701	99.0	90	110	2.688	0.134	20	
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Sample ID N044888-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151961
Client ID: ZZZZZZ	Batch ID: R151961	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169152	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	3.009	0.20	1.000	1.994	101	90	110				
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID MB-R151964	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: PBW	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169299	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID LCS-R151964	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: LCSW	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169300	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 5.055 0.20 5.000 0 101 90 110

Sample ID N044902-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169302	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 3.222 0.20 1.000 2.149 107 90 110

Sample ID N044902-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169303	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 1.437 0.20 1.000 0.3833 105 90 110

Sample ID N044902-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169305	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 2.454 0.20 1.000 1.405 105 90 110

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044902-004AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151964		
Client ID:	ZZZZZZ	Batch ID:	R151964	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169307		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.217	0.20	1.000	2.171	105	90	110							
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Sample ID	N044902-005AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151964		
Client ID:	ZZZZZZ	Batch ID:	R151964	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169311		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.881	0.20	1.000	1.886	99.6	90	110							
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Sample ID	N044892-001AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151964		
Client ID:	ZZZZZZ	Batch ID:	R151964	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169317		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	674.735	10	250.0	414.8	104	90	110							
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Sample ID	N044902-004AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151964			
Client ID:	ZZZZZZ	Batch ID:	R151964	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169318			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.223	0.20	1.000	2.171	105	90	110	3.217	0.193	20				
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Sample ID	N044902-001ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151964		
Client ID:	ZZZZZZ	Batch ID:	R151964	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169322		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.067	0.20									2.149	3.91	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID N044902-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169323	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	1.916	0.20	1.000	0.8998	102	90	110			
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Sample ID N044903-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169325	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	2.691	0.20	1.000	1.631	106	90	110			
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Sample ID N044903-003AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169326	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	2.678	0.20	1.000	1.631	105	90	110	2.691	0.510	20
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86985	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	PBW	Batch ID:	86985	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171544		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID	LCS-86985	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	LCSW	Batch ID:	86985	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171545		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 9.877 1.0 10.00 0 98.8 85 115

Sample ID	N044888-003DMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86985	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171551		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.617 1.0 10.00 1.582 90.3 75 125

Sample ID	N044888-003DMSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86985	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171552		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.809 1.0 10.00 1.582 92.3 75 125 10.62 1.80 20

Sample ID	N044888-006DMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86985	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171562		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 11.998 1.0 10.00 2.541 94.6 75 125

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	N044888-006DMSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014
Client ID:	ZZZZZZ	Batch ID:	86985	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171563
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Chromium	11.883	1.0	10.00	2.541	93.4	75	125	12.00	0.966	20
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Sample ID	N044888-008EMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014
Client ID:	ZZZZZZ	Batch ID:	86985	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171570
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Chromium	11.821	1.0	10.00	2.472	93.5	75	125				
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Sample ID	N044888-008EMSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014
Client ID:	ZZZZZZ	Batch ID:	86985	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171571
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Chromium	11.725	1.0	10.00	2.472	92.5	75	125	11.82	0.817	20
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-003

Client Sample ID: MW-124D-Q221
Collection Date: 4/7/2021 11:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	0.31 0.0087 0.050	mg/L	1 4/8/2021 10:25 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-004

Client Sample ID: MW-124S1-Q221
Collection Date: 4/7/2021 10:27:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	1.2 0.0087 0.050	mg/L	1 4/8/2021 01:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-005

Client Sample ID: MW-917-Q221
Collection Date: 4/7/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	1.2 0.0087 0.050	mg/L	1 4/8/2021 01:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-006

Client Sample ID: MW-124S2-Q221
Collection Date: 4/7/2021 9:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	2.8 0.044 0.25	mg/L	5 4/8/2021 10:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-007

Client Sample ID: MW-125S1-Q221
Collection Date: 4/7/2021 12:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210408A **QC Batch:** R151937 **PrepDate:** **Analyst:** RAB
 Nitrate as N 12 0.087 0.50 mg/L 10 4/8/2021 01:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-008

Client Sample ID: MW-918-Q221
Collection Date: 4/7/2021 12:37:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210408A **QC Batch:** R151937 **PrepDate:** **Analyst:** RAB
 Nitrate as N 12 0.087 0.50 mg/L 10 4/8/2021 01:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044888
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044888-009

Client Sample ID: MW-125S2-Q221
Collection Date: 4/7/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	9.3 0.17 1.0	mg/L	20 4/8/2021 10:56 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID MB-R151937_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: PBW	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172837	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N ND 0.050

Sample ID LCS-R151937_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: LCSW	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172838	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.246 0.050 1.250 0 99.7 90 110

Sample ID N044887-006AMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172861	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.283 0.050 1.250 0.04180 99.3 80 120

Sample ID N044887-006AMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172862	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.274 0.050 1.250 0.04180 98.5 80 120 1.283 0.735 20

Sample ID N044888-003BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172863	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.591 0.050 1.250 0.3129 102 80 120

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044888-003BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172864						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.608	0.050	1.250	0.3129	104	80	120	1.591	1.09	20
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Sample ID	N044887-019BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937		
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0			Analysis Date:	4/8/2021	SeqNo:	4172865		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	17.777	0.50	12.50	5.068	102	80	120
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Sample ID	N044887-019BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	17.748	0.50	12.50	5.068	101	80	120	17.78	0.163	20
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Sample ID	N044888-006BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172867						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	9.171	0.25	6.250	2.766	102	80	120
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Sample ID	N044888-006BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	9.116	0.25	6.250	2.766	102	80	120	9.170	0.602	20
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044888-009AMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	34.748	1.0	25.00	9.288	102	80	120				
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Sample ID	N044888-009AMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172872						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	34.518	1.0	25.00	9.288	101	80	120	34.75	0.664	20	
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Sample ID	N044890-008BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	83.390	2.5	62.50	19.76	102	80	120				
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Sample ID	N044890-008BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	82.640	2.5	62.50	19.76	101	80	120	83.39	0.903	20	
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Sample ID	N044887-020BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937		
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0	Analysis Date:	4/8/2021	SeqNo:	4172875				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	24.880	2.5						24.22	2.67	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044888
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044887-020BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0			Analysis Date:	4/8/2021	SeqNo:	4172876
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Nitrate as N		86.790		2.5	62.50	24.22	100	80	120		

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



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no 44888

Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD GeoTracker Labspec Others		QA/QC RTNE RWQCB CalTrans LEVEL III		Sample Receipt Condition 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling:																
Phone: 1 916 865 3168 Fax: Submitted By: <i>Riggo Top</i> Title: <i>Field Tech</i>		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax:		Email to: lisa.kellogg@arcadis.com P.O.# Phone: 951.677.0577 Fax:		Specify: EQ EDD Global ID:		LEVEL IV Regulatory Specify State:		Y N																
Signature: <i>[Signature]</i> Date: <i>4/7/21</i> I hereby authorize ASSET Labs to perform the tests indicated below. Project Name: PG&E Hinkley - GMP Project Number: 30046045		Sampled By: <i>[Signature]</i> I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution. Signature: <i>[Signature]</i> Date: <i>4/7/21</i>		Matrix Ground-water x Sediment Potable NPDES Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly Anions (E300.0) NO3N, 4°C, 1000ml Poly Ortho-Phosphate (E300.0), 4°C, 1000ml Poly TDS (SM2540C); 4°C, 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Sample Temp: <i>10°C</i> <i>2.3</i> Courier: <i>ASSET</i> Tracking No.: Remarks:																		
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly	Anions (E300.0) NO3N, 4°C, 1000ml Poly	Ortho-Phosphate (E300.0), 4°C, 1000ml Poly	TDS (SM2540C); 4°C, 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (8015B) 3x1 Liter Amber Glass, 4°C	TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks	
	N044888-01 *	MW-166S1-Q221	4/7/2021	0907		X																		E	2	
	-02 *	MW-197S1-Q221	4/7/2021	0824		X																		E	2	
	-03 *	MW-124D-Q221	4/7/2021	1112		X	X		X						X	X								E	4	MS/MSD
	-04 *	MW-124S1-Q221	4/7/2021	1027		X	X		X						X	X								E	4	
	-05 *	MW-917-Q221	4/7/2021	1037		X	X		X						X	X								E	4	
	-06 *	MW-124S2-Q221	4/7/2021	0956		X	X		X						X	X								E	4	MS/MSD
	-07 *	MW-125S1-Q221	4/7/2021	1227		X	X		X	X					X	X								E	6	
	-08 *	MW-918-Q221	4/7/2021	1237		X	X		X	X					X	X								E	6	
	-09 *	MW-125S2-Q221	4/7/2021	1156					X								X							E	3	MS/MSD
	-10 *	EB-711-Q221	4/7/2021	1413		X																		E	1	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/7/21 1620</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/7/21 1620</i>		Turn Around Time (TAT) A < 24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction:																				
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/7/21 1910</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/7/21 1910</i>		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pin J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can																				
Terms 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20% 3. Custom EDD formats will be an additional 3% of the total project price.		Terms 5. Trip Blank and Equipment Blank are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For sub-contract analysis, TAT and Surcharges will vary.																								



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California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: [blank] Submitted By: Riggie Tey Title: Field Tech Signature: [Signature] Date: 4/7/21 I hereby authorize ASSET Labs to perform the tests indicated below. Project Name: PG&E Hinkley - GMP Project Number: 30046045		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: [blank] Sampled By: Nara Tey I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution. Signature: [Signature] Date: 4/7/21		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577 Fax: [blank] P.O.#: [blank] Matrix: [blank] Ground-water: [blank] x Sediment: [blank] Potable: [blank] Soil: [blank] NPDES: [blank] Other Solid: [blank] Surface: [blank]		EQUEDD Excel EDD Geotracker Labspec Others: [blank] Specify: EQ EDD Global ID: [blank] RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory Specify State: [blank]										Sample Receipt Condition 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling: Sample Temp: 10.2°C / 50.0°F / 1.1°C / 34.0°F Courier: ASSET Tracking No.: [blank]										
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly	Anions (E300.0) NO3N; 4°C, 1000ml Poly	Ortho-Phosphate (E300.0); 4°C, 100ml Poly	TDS (SM2540C); 4°C, 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6010BDIs) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (8015B) 3x1 Liter Amber Glass, 4°C	TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks	
	N044888-11	EX-17-Q221	4/7/2021	1111		X									X									2		
	-12	MW-45A-Q221	4/7/2021	0824		X									X									2		
	-13	MW-45B-Q221	4/7/2021	0918		X									X									2		
	-14	MW-66A-Q221	4/7/2021	1006		X									X									2		
	-15	MW-76S-Q221	4/7/2021	1447		X									X									2		
	-16	MW-93C-Q221	4/7/2021	1216		X									X									2		
	-17	MW-98C-Q221	4/7/2021	1304		X									X									2		
	-18	MW-47-Q221	4/7/2021	1353		X									X									2		
	-19	MW-90C-Q221	4/7/2021	1242		X									X									2		
	-20	EX-21-Q221	4/7/2021	1418		X									X									2		
	-21	EB-712-Q221	4/7/2021	1500		X																		1		
	-22	EB-714-Q221	4/7/2021	1440		X																		1		
Relinquished by (Signature and Printed Name): R. Riggie Tey 4/7/21 1620		Date/Time: 4/7/21 1620		Relinquished by (Signature and Printed Name): ROMEO R. CANTARA 4/7/21 1620		Date/Time: 4/7/21 1620		Turn Around Time (TAT) A < 24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.										Special Instruction:								
Relinquished by (Signature and Printed Name): ROMEO R. CANTARA 4/7/21 1912		Date/Time: 4/7/21 1912		Relinquished by (Signature and Printed Name): ROMEO R. CANTARA 4/7/21 1912		Date/Time: 4/7/21 1912																				
Relinquished by (Signature and Printed Name): [blank]		Date/Time: [blank]		Relinquished by (Signature and Printed Name): [blank]		Date/Time: [blank]																				
<p>Terms</p> <p>1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.</p> <p>2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis</p> <p>Less than 24 Hrs. ~200% Next Day ~100% 2 Workdays ~50% 3 Workdays ~35% 4 Workdays ~20%</p> <p>3. Custom EDD formats will be an additional 3% of the total project price.</p> <p>4. Trip Blanks and Equipment Blanks are billable sample.</p> <p>5. Asset Laboratories is not responsible for samples collected using incorrect methodology.</p> <p>7. Terms are net 30 days.</p> <p>8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.</p> <p>9. For subcontract analysis, TAT and Surcharges will vary.</p> <p>Preservatives:</p> <p>H=HCL N=HNO3 S=H2SO4 C=4°C</p> <p>Z=Zn(AC)2 O=NaOH T=Na2S2O3</p> <p>Others/Specify: B (NH4)2SO4/NH4OH</p> <p>Container Type:</p> <p>T=Tube V=VOA P=Pin</p> <p>J=Jar B=Tedlar G=Glass</p> <p>M=Metal M=Metal C=Can</p>																										

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/7/2021 Workorder: N044888
 Rep sample Temp (Deg C): 2.1/4.8/2.3/4.1/1.1/1.7 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YRJ 4/8/2021

Reviewed By: ABC 4/9/2021

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044888

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044888-001A	MW-166S1-Q221	4/7/2021 9:07:00 AM	4/21/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-001B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-002A	MW-197S1-Q221	4/7/2021 8:24:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-002B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-003A	MW-124D-Q221	4/7/2021 11:12:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-003B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-003C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-003D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-004A	MW-124S1-Q221	4/7/2021 10:27:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-004B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-004C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-004D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044888

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044888-005A	MW-917-Q221	4/7/2021 10:37:00 AM	4/21/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-005B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-005C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-005D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-006A	MW-124S2-Q221	4/7/2021 9:56:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-006B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-006C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-006D			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-007A	MW-125S1-Q221	4/7/2021 12:27:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-007B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-007C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-007D			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044888-007E			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044888

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044888-007E	MW-125S1-Q221	4/7/2021 12:27:00 PM	4/21/2021	Groundwater	EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-008A	MW-918-Q221	4/7/2021 12:37:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-008B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-008C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-008D			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044888-008E			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-009A	MW-125S2-Q221	4/7/2021 11:56:00 AM	4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-009B			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-009C			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044888-010A	EB-711-Q221	4/7/2021 2:13:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-011A	EX-17-Q221	4/7/2021 11:11:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-011B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-012A	MW-45A-Q221	4/7/2021 8:24:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044888

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044888-012B	MW-45A-Q221	4/7/2021 8:24:00 AM	4/21/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-013A	MW-45B-Q221	4/7/2021 9:18:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-013B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-014A	MW-66A-Q221	4/7/2021 10:06:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-014B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-015A	MW-76S-Q221	4/7/2021 2:47:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-015B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-016A	MW-93C-Q221	4/7/2021 12:16:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-016B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-017A	MW-98C-Q221	4/7/2021 1:04:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-017B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-018A	MW-47-Q221	4/7/2021 1:53:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-018B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-019A	MW-90C-Q221	4/7/2021 12:42:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-019B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044888

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044888-019B	MW-90C-Q221	4/7/2021 12:42:00 PM	4/21/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-020A	EX-21-Q221	4/7/2021 2:18:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-020B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-021A	EB-712-Q221	4/7/2021 3:00:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-022A	EB-714-Q221	4/7/2021 2:40:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044888-023A	FOLDER	4/21/2021	4/21/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/21/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/21/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Nana Tep

08-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044888-007D / MW-125S1-Q221	Groundwater	4/7/2021 12:27:00 PM	32OZP	1		
N044888-008D / MW-918-Q221	Groundwater	4/7/2021 12:37:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44888A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by Epa 900.0. EDD requirement Labspec7 edata.

Fedex #: 773391137453

	Date/Time		Date/Time
Relinquished by: <u>YRJ</u>	4/8/2021 1100	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 14, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044889

RE: PG&E Hinkley - DOM, 30046045

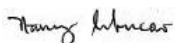
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 07, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N044889

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.9 ug/L) and hexavalent chromium (0 ug/L) for sample N044889-004 (28-36-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.9 ug/L) and hexavalent chromium (0 ug/L) for sample N044889-004 (28-36-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.8 and 1.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 14-Apr-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - DOM, 30046045

Lab Order: N044889

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044889-001A	28-20-Q221	Groundwater	4/7/2021 10:15:00 AM	4/7/2021	4/14/2021
N044889-001B	28-20-Q221	Groundwater	4/7/2021 10:15:00 AM	4/7/2021	4/14/2021
N044889-002A	28-22-Q221	Groundwater	4/7/2021 9:40:00 AM	4/7/2021	4/14/2021
N044889-002B	28-22-Q221	Groundwater	4/7/2021 9:40:00 AM	4/7/2021	4/14/2021
N044889-003A	23-30-Q221	Groundwater	4/7/2021 8:00:00 AM	4/7/2021	4/14/2021
N044889-003B	23-30-Q221	Groundwater	4/7/2021 8:00:00 AM	4/7/2021	4/14/2021
N044889-004A	28-36-Q221	Groundwater	4/7/2021 9:00:00 AM	4/7/2021	4/14/2021
N044889-004B	28-36-Q221	Groundwater	4/7/2021 9:00:00 AM	4/7/2021	4/14/2021
N044889-005A	28-40-Q221	Groundwater	4/7/2021 8:35:00 AM	4/7/2021	4/14/2021
N044889-005B	28-40-Q221	Groundwater	4/7/2021 8:35:00 AM	4/7/2021	4/14/2021
N044889-006A	28-75-Q221	Groundwater	4/7/2021 11:15:00 AM	4/7/2021	4/14/2021
N044889-006B	28-75-Q221	Groundwater	4/7/2021 11:15:00 AM	4/7/2021	4/14/2021
N044889-007A	28-82-Q221	Groundwater	4/7/2021 10:55:00 AM	4/7/2021	4/14/2021
N044889-007B	28-82-Q221	Groundwater	4/7/2021 10:55:00 AM	4/7/2021	4/14/2021

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 14-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044889
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044889-001

Client Sample ID: 28-20-Q221
Collection Date: 4/7/2021 10:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/8/2021 09:24 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.4	0.13	1.0		µg/L	1	4/9/2021 08:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044889
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044889-002

Client Sample ID: 28-22-Q221
Collection Date: 4/7/2021 9:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210408A	QC Batch: R151960			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/8/2021 09:43 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210409A	QC Batch: 86986			PrepDate:	4/8/2021	Analyst: CEI	
Chromium	1.1	0.13	1.0		µg/L	1	4/9/2021 08:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 14-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044889
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044889-003

Client Sample ID: 23-30-Q221
Collection Date: 4/7/2021 8:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.2	0.033	0.20		µg/L	1	4/8/2021 10:02 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	3.2	0.13	1.0		µg/L	1	4/9/2021 09:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 14-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044889
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044889-004

Client Sample ID: 28-36-Q221
Collection Date: 4/7/2021 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.16	0.0096	0.060		µg/L	1	4/9/2021 08:44 AM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210408A	QC Batch: R151960			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/8/2021 10:21 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986			PrepDate:	4/8/2021	Analyst: CEI	
Chromium	1.9	0.13	1.0		µg/L	1	4/9/2021 09:11 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 14-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044889
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044889-005

Client Sample ID: 28-40-Q221
Collection Date: 4/7/2021 8:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/8/2021 10:59 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate:		4/8/2021	Analyst: CEI	
Chromium	1.6	0.13	1.0		µg/L	1	4/9/2021 09:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 14-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044889
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044889-006

Client Sample ID: 28-75-Q221
Collection Date: 4/7/2021 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.57	0.033	0.20		µg/L	1	4/8/2021 11:18 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate:		4/8/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/9/2021 09:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 14-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044889
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044889-007

Client Sample ID: 28-82-Q221
Collection Date: 4/7/2021 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/8/2021 11:37 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.6	0.13	1.0		µg/L	1	4/9/2021 09:29 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044889
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPG**

Sample ID MB-R151963	SampType: MBLK	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: PBW	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169218
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			

Sample ID LCS-R151963	SampType: LCS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: LCSW	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169219
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.214	0.060	0.2000	0	107 90 110

Sample ID N044889-004AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169221
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.355	0.060	0.2000	0.1650	94.8 90 110

Sample ID N044889-004AMSD	SampType: MSD	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169222
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.352	0.060	0.2000	0.1650	93.5 90 110 0.3545 0.708 20

Sample ID N044846-001ADUP	SampType: DUP	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 151963
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169224
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.029	0.060			0.02820 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044889
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_W_LLPGE

Sample ID	N044847-010AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963		
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169230		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.216	0.060	0.2000	0	108	90	110
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Sample ID	N044847-012AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963		
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169233		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.242	0.060	0.2000	0.03930	102	90	110
---------------------	-------	-------	--------	---------	-----	----	-----

Sample ID	N044847-008AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963		
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169234		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.219	0.060	0.2000	0	109	90	110
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Sample ID	N044847-009AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963		
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169235		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.217	0.060	0.2000	0	109	90	110
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Sample ID	N044847-011AMS	SampType:	MS	TestCode:	218.6_W_LL	Units:	µg/L	Prep Date:		RunNo:	151963		
Client ID:	ZZZZZZ	Batch ID:	R151963	TestNo:	EPA 218.6			Analysis Date:	4/9/2021	SeqNo:	4169240		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.213	0.060	0.2000	0	106	90	110
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044889
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID MB-R151960	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: PBW	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169094	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID LCS-R151960	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: LCSW	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169095	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 5.131 0.20 5.000 0 103 90 110

Sample ID N044889-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169097	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 2.346 0.20 1.000 1.338 101 90 110

Sample ID N044889-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169099	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 2.143 0.20 1.000 1.084 106 90 110

Sample ID N044889-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169101	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 4.263 0.20 1.000 3.217 105 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044889
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID N044889-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169103	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	1.165	0.20	1.000	0.1594	101	90	110
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Sample ID N044889-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169107	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	2.595	0.20	1.000	1.577	102	90	110
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Sample ID N044889-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169109	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	1.582	0.20	1.000	0.5684	101	90	110
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Sample ID N044889-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169111	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	2.468	0.20	1.000	1.444	102	90	110
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Sample ID N044889-005ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169113	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium	1.552	0.20				1.577	1.62	20
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044889
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044890-008AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960					
Client ID:	ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169130						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	10.227	0.20	5.000	4.976	105	90	110				
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Sample ID	N044890-008AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960			
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169131			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	10.118	0.20	5.000	4.976	103	90	110	10.23	1.08	20	
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Qualifiers:

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ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044889
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86986	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014			
Client ID:	PBW	Batch ID:	86986	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171482			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-86986	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	LCSW	Batch ID:	86986	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171483		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.206	1.0	10.00	0	102	85	115							
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Sample ID	N044890-008EMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86986	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171503		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.929	1.0	10.00	4.656	92.7	75	125							
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Sample ID	N044890-008EMSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86986	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171506		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.866	1.0	10.00	4.656	92.1	75	125	13.93	0.452	20				
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Qualifiers:

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ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page 1 of 1

ARCUS02
FOLDER

C: 4/14/2021 12:00 AM

R: 4/7/2021

N044889-008A

1 of 1



Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition									
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400, Concord, CA 94520		Excel EDD		RTNE		Y N									
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@crtigen.com		Address:		Geotracker		RWQCB		1. Chilled									
Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		LabSpec		CalTrans		2. Headspace									
Submitted By: <i>Nana Tep</i>		Phone: 1 916 865 3168		Phone: 951.677.0577		Others		LEVEL III		3. Container Intact									
Title: <i>Sample Tech</i>		Fax:		P.O.#		Specify: EQ EDD		LEVEL IV		4. Seal Present									
Signature: <i>[Signature]</i>		Sampled By: <i>Josh Muesi</i>		Fax:		Global ID:		Regulatory		5. IR number									
Date: 4/7/21		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Ground-water		Matrix		Specify State:		6. Method of Cooling: <i>ICE</i>									
Project Name: PG&E Hinkley - DOM		Signature: <i>[Signature]</i>		Date: 4-7-21		Potable		Sample Temp: <i>11°C</i>		Courier: <i>ASSET</i>									
Project Number: 30046045		Surface		NPDES		Other Solid		Tracking No.:		Remarks:									
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly	Metals Dissolved (6020AFF) As; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6010BDis) Fe; HNO3, 4°C, 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C, 500 ml Poly	Antions (E300.0) NO3N; 4°C, 1000ml Poly	Antions (E300.0) SO4; 4°C, 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TDS (SM2540C); 4°C, 1000ml Poly	TOC (SM6310) H2SO4, 4°C, 3X40 ml VOA	Turn Around Time	No. of Container	Remarks
	N044889-01	28-20-Q221	4/7/2021	1015		X	X										E 2		
	-02	28-22-Q221	4/7/2021	0940		X	X										E 2		
	-03	23-30-Q221	4/7/2021	0800		X	X										E 2		
	-04	28-38-Q221	4/7/2021	0900		X	X										E 2		
	-05	28-40-Q221	4/7/2021	0835		X	X										E 2		
	-06	28-75-Q221	4/7/2021	1115		X	X										E 2		
	-07	28-82-Q221	4/7/2021	1055		X	X										E 2		
Relinquished by (Signature and Printed Name): <i>Nana Tep</i> Date/Time: 4/7/21 1620						Relinquished by (Signature and Printed Name): <i>Romeo Alvarez</i> Date/Time: 4/7/21 1620						Turn Around Time (TAT)						Special Instruction:	
Relinquished by (Signature and Printed Name): <i>Romeo Alvarez</i> Date/Time: 4/7/21						Relinquished by (Signature and Printed Name): <i>Romeo Alvarez</i> Date/Time: 4/7/21 1910						<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays							
Relinquished by (Signature and Printed Name):						Relinquished by (Signature and Printed Name):						TAT Starts at 8 AM the following day if samples received after 3:00PM.						Container Type:	
Terms						Preservatives:						H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH						T=Tube V=VOA P=Plint J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can	

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/7/2021

Workorder: N044889

Rep sample Temp (Deg C): 1.1

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YRJ 4/8/2021

Reviewed By:

ABC

4/9/2021

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044889

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044889-001A	28-20-Q221	4/7/2021 10:15:00 AM	4/14/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-001B			4/14/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/14/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-002A	28-22-Q221	4/7/2021 9:40:00 AM	4/14/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-002B			4/14/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/14/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-003A	23-30-Q221	4/7/2021 8:00:00 AM	4/14/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-003B			4/14/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/14/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-004A	28-36-Q221	4/7/2021 9:00:00 AM	4/14/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-004B			4/14/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/14/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-005A	28-40-Q221	4/7/2021 8:35:00 AM	4/14/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-005B			4/14/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/14/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-006A	28-75-Q221	4/7/2021 11:15:00 AM	4/14/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-006B			4/14/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/14/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-007A	28-82-Q221	4/7/2021 10:55:00 AM	4/14/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-007B			4/14/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/14/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044889-008A	FOLDER	4/14/2021	4/14/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

WORK ORDER Summary

08-Apr-21

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

Comments:

QC Level: Level IV

WorkOrder: N044889

Date Received: 4/7/2021

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044889-008A	FOLDER	4/14/2021	4/14/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/14/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 21, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044890

RE: PG&E Hinkley - ATU, 30046045

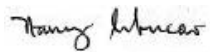
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 07, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044890

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N044888-008EMS, N044888-008EMSD, N044888-009CMS, N044888-009CMSD, N044890-008EMS and N044890-008EMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

ASSET Laboratories**Date:** 21-Apr-21**CLIENT:** ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - ATU, 30046045**Lab Order:** N044890**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044890-001A	EX-29-Q221	Groundwater	4/7/2021 10:03:00 AM	4/7/2021	4/21/2021
N044890-001B	EX-29-Q221	Groundwater	4/7/2021 10:03:00 AM	4/7/2021	4/21/2021
N044890-002A	EX-37-Q221	Groundwater	4/7/2021 10:12:00 AM	4/7/2021	4/21/2021
N044890-002B	EX-37-Q221	Groundwater	4/7/2021 10:12:00 AM	4/7/2021	4/21/2021
N044890-003A	EX-30-Q221	Groundwater	4/7/2021 10:52:00 AM	4/7/2021	4/21/2021
N044890-003B	EX-30-Q221	Groundwater	4/7/2021 10:52:00 AM	4/7/2021	4/21/2021
N044890-004A	IW-01-Q221	Groundwater	4/7/2021 8:30:00 AM	4/7/2021	4/21/2021
N044890-004B	IW-01-Q221	Groundwater	4/7/2021 8:30:00 AM	4/7/2021	4/21/2021
N044890-004C	IW-01-Q221	Groundwater	4/7/2021 8:30:00 AM	4/7/2021	4/21/2021
N044890-004D	IW-01-Q221	Groundwater	4/7/2021 8:30:00 AM	4/7/2021	4/21/2021
N044890-004E	IW-01-Q221	Groundwater	4/7/2021 8:30:00 AM	4/7/2021	4/21/2021
N044890-005A	MW-906-Q221	Groundwater	4/7/2021 8:40:00 AM	4/7/2021	4/21/2021
N044890-005B	MW-906-Q221	Groundwater	4/7/2021 8:40:00 AM	4/7/2021	4/21/2021
N044890-005C	MW-906-Q221	Groundwater	4/7/2021 8:40:00 AM	4/7/2021	4/21/2021
N044890-005D	MW-906-Q221	Groundwater	4/7/2021 8:40:00 AM	4/7/2021	4/21/2021
N044890-005E	MW-906-Q221	Groundwater	4/7/2021 8:40:00 AM	4/7/2021	4/21/2021
N044890-006A	IW-02-Q221	Groundwater	4/7/2021 9:05:00 AM	4/7/2021	4/21/2021
N044890-006B	IW-02-Q221	Groundwater	4/7/2021 9:05:00 AM	4/7/2021	4/21/2021
N044890-006C	IW-02-Q221	Groundwater	4/7/2021 9:05:00 AM	4/7/2021	4/21/2021
N044890-006D	IW-02-Q221	Groundwater	4/7/2021 9:05:00 AM	4/7/2021	4/21/2021
N044890-006E	IW-02-Q221	Groundwater	4/7/2021 9:05:00 AM	4/7/2021	4/21/2021
N044890-007A	MW-907-Q221	Groundwater	4/7/2021 9:15:00 AM	4/7/2021	4/21/2021
N044890-007B	MW-907-Q221	Groundwater	4/7/2021 9:15:00 AM	4/7/2021	4/21/2021
N044890-007C	MW-907-Q221	Groundwater	4/7/2021 9:15:00 AM	4/7/2021	4/21/2021
N044890-007D	MW-907-Q221	Groundwater	4/7/2021 9:15:00 AM	4/7/2021	4/21/2021
N044890-007E	MW-907-Q221	Groundwater	4/7/2021 9:15:00 AM	4/7/2021	4/21/2021
N044890-008A	IW-03-Q221	Groundwater	4/7/2021 9:30:00 AM	4/7/2021	4/21/2021
N044890-008B	IW-03-Q221	Groundwater	4/7/2021 9:30:00 AM	4/7/2021	4/21/2021
N044890-008C	IW-03-Q221	Groundwater	4/7/2021 9:30:00 AM	4/7/2021	4/21/2021

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044890
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044890-008D	IW-03-Q221	Groundwater	4/7/2021 9:30:00 AM	4/7/2021	4/21/2021
N044890-008E	IW-03-Q221	Groundwater	4/7/2021 9:30:00 AM	4/7/2021	4/21/2021
N044890-009A	EX-01-Q221	Groundwater	4/7/2021 1:20:00 PM	4/7/2021	4/21/2021
N044890-009B	EX-01-Q221	Groundwater	4/7/2021 1:20:00 PM	4/7/2021	4/21/2021
N044890-010A	EX-34-Q221	Groundwater	4/7/2021 1:05:00 PM	4/7/2021	4/21/2021
N044890-010B	EX-34-Q221	Groundwater	4/7/2021 1:05:00 PM	4/7/2021	4/21/2021
N044890-011A	EX-02-Q221	Groundwater	4/7/2021 12:45:00 PM	4/7/2021	4/21/2021
N044890-011B	EX-02-Q221	Groundwater	4/7/2021 12:45:00 PM	4/7/2021	4/21/2021
N044890-012A	G-5R-Q221	Groundwater	4/7/2021 1:40:00 PM	4/7/2021	4/21/2021
N044890-012B	G-5R-Q221	Groundwater	4/7/2021 1:40:00 PM	4/7/2021	4/21/2021

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-004

Client Sample ID: IW-01-Q221
Collection Date: 4/7/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210408G	QC Batch: 86995			PrepDate: 4/8/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1500	17	17	mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-005

Client Sample ID: MW-906-Q221
Collection Date: 4/7/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408G	QC Batch: 86995		PrepDate: 4/8/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	1500	17	17		mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-006

Client Sample ID: IW-02-Q221
Collection Date: 4/7/2021 9:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408G	QC Batch: 86995		PrepDate: 4/8/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	1000	13	13		mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-007

Client Sample ID: MW-907-Q221
Collection Date: 4/7/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408G	QC Batch: 86995			PrepDate:	4/8/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	1000	13	13	mg/L	1	4/8/2021 02:08 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-008

Client Sample ID: IW-03-Q221
Collection Date: 4/7/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210408G	QC Batch: 86995		PrepDate: 4/8/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	1200	13	13		mg/L	1	4/8/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID LCS-86995	SampType: LCS	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151958
Client ID: LCSW	Batch ID: 86995	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168625	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	984.000	10	1000	0	98.4 80 120

Sample ID MB-86995	SampType: MBLK	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151958
Client ID: PBW	Batch ID: 86995	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168626	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	ND	10			

Sample ID N044888-009BDUP	SampType: DUP	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/8/2021	RunNo: 151958
Client ID: ZZZZZZ	Batch ID: 86995	TestNo: SM2540C	Analysis Date: 4/8/2021	SeqNo: 4168632	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	2042.000	20			2054 0.586 5

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-004

Client Sample ID: IW-01-Q221
Collection Date: 4/7/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	29	0.056	0.67	pCi/L	1	4/9/2021 02:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-005

Client Sample ID: MW-906-Q221
Collection Date: 4/7/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI	
Uranium	28	0.056	0.67	pCi/L	1	4/9/2021 03:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-006

Client Sample ID: IW-02-Q221
Collection Date: 4/7/2021 9:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988	PrepDate: 4/8/2021	Analyst: CEI
Uranium	23 0.056 0.67	pCi/L	1 4/9/2021 03:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-007

Client Sample ID: MW-907-Q221
Collection Date: 4/7/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021	Analyst: CEI
Uranium	22	0.056	0.67	pCi/L	1
					4/9/2021 03:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-008

Client Sample ID: IW-03-Q221
Collection Date: 4/7/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210409A	QC Batch: 86988			PrepDate: 4/8/2021		Analyst: CEI	
Uranium	28	0.056	0.67	pCi/L	1	4/9/2021 03:28 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-86988	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: PBW	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170511						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	ND	0.67										

Sample ID LCS-86988	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: LCSW	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	6.627	0.67	6.700	0	98.9	85	115					

Sample ID N044887-006CMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170516						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	8.279	0.67	6.700	1.159	106	75	125					

Sample ID N044887-006CMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170517						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	8.186	0.67	6.700	1.159	105	75	125	8.279	1.12	20		

Sample ID N044887-019DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988							
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8			Analysis Date: 4/9/2021	SeqNo: 4170525						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	26.173	0.67	6.700	18.56	114	75	125					

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044887-019DMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170526							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	26.183	0.67	6.700	18.56	114	75	125	26.17	0.0389	20	
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Sample ID	N044888-003DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170532						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.473	0.67	6.700	7.805	99.5	75	125				
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Sample ID	N044888-003DMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170535							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.506	0.67	6.700	7.805	100	75	125	14.47	0.228	20	
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Sample ID	N044888-006DMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170540						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	14.014	0.67	6.700	7.308	100	75	125				
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Sample ID	N044888-006DMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170541						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	13.930	0.67	6.700	7.308	98.8	75	125	14.01	0.601	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044888-008EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170550						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	34.359	0.67	6.700	29.97	65.4	75	125				S
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Sample ID	N044888-008EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170551						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	34.842	0.67	6.700	29.97	72.6	75	125	34.36	1.40	20	S
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Sample ID	N044888-009CMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170555						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.993	0.67	6.700	29.18	56.9	75	125				S
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Sample ID	N044888-009CMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID: ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170556							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.925	0.67	6.700	29.18	55.9	75	125	32.99	0.207	20	S
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Sample ID	N044890-008EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/8/2021	RunNo: 151988					
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8	Analysis Date: 4/9/2021	SeqNo: 4170567						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium	32.413	0.67	6.700	28.08	64.7	75	125				S
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044890-008EMSD	SampType: MSD	TestCode: 200.8DIS_U_ Units: pCi/L				Prep Date: 4/8/2021			RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8				Analysis Date: 4/9/2021			SeqNo: 4170568		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		32.271	0.67	6.700	28.08	62.6	75	125	32.41	0.439	20	S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID	N044887-006C-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170515		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	8.229	0.67	6.700	1.159	106	80	120				

Sample ID	N044887-019D-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170524		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	26.049	0.67	6.700	18.56	112	80	120				

Sample ID	N044888-003D-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170531		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	14.445	0.67	6.700	7.805	99.1	80	120				

Sample ID	N044888-008E-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170549		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	34.826	0.67	6.700	29.97	72.4	80	120				S

Sample ID	N044888-009C-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:				RunNo: 151988		
Client ID:	ZZZZZZ	Batch ID: 86988	TestNo: EPA 200.8		Analysis Date: 4/9/2021				SeqNo: 4170554		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	33.697	0.67	6.700	29.18	67.4	80	120				S

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	N044888-006D-PS	SampType:	PS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:		RunNo:	151988
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170560
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Uranium	14.187	0.67	6.700	7.308	103	80	120				
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Sample ID	N044890-008E-PS	SampType:	PS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:		RunNo:	151988
Client ID:	ZZZZZZ	Batch ID:	86988	TestNo:	EPA 200.8			Analysis Date:	4/9/2021	SeqNo:	4170566
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Uranium	32.711	0.67	6.700	28.08	69.1	80	120				S
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-001

Client Sample ID: EX-29-Q221
Collection Date: 4/7/2021 10:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.1	0.033	0.20		µg/L	1	4/8/2021 12:14 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	8.4	0.13	1.0		µg/L	1	4/9/2021 09:35 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-002

Client Sample ID: EX-37-Q221
Collection Date: 4/7/2021 10:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	10	0.033	0.20		µg/L	1	4/8/2021 12:24 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	12	0.13	1.0		µg/L	1	4/9/2021 09:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-003

Client Sample ID: EX-30-Q221
Collection Date: 4/7/2021 10:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/8/2021 12:52 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.7	0.13	1.0		µg/L	1	4/9/2021 09:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-004

Client Sample ID: IW-01-Q221
Collection Date: 4/7/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	6.2	0.033	0.20		µg/L	1	4/8/2021 01:02 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	5.7	0.13	1.0		µg/L	1	4/9/2021 10:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-005

Client Sample ID: MW-906-Q221
Collection Date: 4/7/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	6.2	0.033	0.20		µg/L	1	4/8/2021 01:11 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	5.8	0.13	1.0		µg/L	1	4/9/2021 10:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-006

Client Sample ID: IW-02-Q221
Collection Date: 4/7/2021 9:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.6	0.033	0.20		µg/L	1	4/8/2021 01:21 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	8.2	0.13	1.0		µg/L	1	4/9/2021 10:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-007

Client Sample ID: MW-907-Q221
Collection Date: 4/7/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.5	0.033	0.20		µg/L	1	4/8/2021 01:30 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	8.1	0.13	1.0		µg/L	1	4/9/2021 10:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-008

Client Sample ID: IW-03-Q221
Collection Date: 4/7/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	5.0	0.033	0.20		µg/L	1	4/8/2021 01:40 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	4.7	0.13	1.0		µg/L	1	4/9/2021 10:29 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-009

Client Sample ID: EX-01-Q221
Collection Date: 4/7/2021 1:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	14	0.033	0.20		µg/L	1	4/8/2021 01:49 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	14	0.13	1.0		µg/L	1	4/9/2021 11:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-010

Client Sample ID: EX-34-Q221
Collection Date: 4/7/2021 1:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	6.3	0.033	0.20		µg/L	1	4/8/2021 01:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	6.1	0.13	1.0		µg/L	1	4/9/2021 11:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-011

Client Sample ID: EX-02-Q221
Collection Date: 4/7/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.8	0.033	0.20		µg/L	1	4/8/2021 02:08 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	5.0	0.13	1.0		µg/L	1	4/9/2021 11:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-012

Client Sample ID: G-5R-Q221
Collection Date: 4/7/2021 1:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210408A	QC Batch: R151960		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.87	0.033	0.20		µg/L	1	4/8/2021 02:17 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 86986		PrepDate: 4/8/2021		Analyst: CEI		
Chromium	1.0	0.13	1.0		µg/L	1	4/9/2021 11:29 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R151960	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: PBW	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169094	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R151960	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: LCSW	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169095	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.131	0.20	5.000	0	103 90 110

Sample ID N044889-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169097	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.346	0.20	1.000	1.338	101 90 110

Sample ID N044889-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169099	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.143	0.20	1.000	1.084	106 90 110

Sample ID N044889-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151960
Client ID: ZZZZZZ	Batch ID: R151960	TestNo: EPA 218.6	Analysis Date: 4/8/2021	SeqNo: 4169101	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.263	0.20	1.000	3.217	105 90 110

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044889-004AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960		
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169103		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.165	0.20	1.000	0.1594	101	90	110
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Sample ID	N044889-005AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960		
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169107		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.595	0.20	1.000	1.577	102	90	110
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Sample ID	N044889-006AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960		
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169109		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.582	0.20	1.000	0.5684	101	90	110
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Sample ID	N044889-007AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960		
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169111		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.468	0.20	1.000	1.444	102	90	110
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Sample ID	N044889-005ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960		
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169113		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.552	0.20									1.577	1.62	20
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044890-008AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169130
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Hexavalent Chromium	10.227	0.20	5.000	4.976	105	90	110				
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Sample ID	N044890-008AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	151960
Client ID:	ZZZZZZ	Batch ID:	R151960	TestNo:	EPA 218.6			Analysis Date:	4/8/2021	SeqNo:	4169131
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Hexavalent Chromium	10.118	0.20	5.000	4.976	103	90	110	10.23	1.08	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-86986	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	PBW	Batch ID:	86986	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171482		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-86986	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	LCSW	Batch ID:	86986	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171483		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.206	1.0	10.00	0	102	85	115							
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Sample ID	N044890-008EMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86986	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171503		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.929	1.0	10.00	4.656	92.7	75	125							
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Sample ID	N044890-008EMSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/8/2021	RunNo:	152014		
Client ID:	ZZZZZZ	Batch ID:	86986	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/9/2021	SeqNo:	4171506		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.866	1.0	10.00	4.656	92.1	75	125	13.93	0.452	20				
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-004

Client Sample ID: IW-01-Q221
Collection Date: 4/7/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	15 0.17 1.0	mg/L	20 4/8/2021 02:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-005

Client Sample ID: MW-906-Q221
Collection Date: 4/7/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	15 0.17 1.0	mg/L	20 4/8/2021 02:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-006

Client Sample ID: IW-02-Q221
Collection Date: 4/7/2021 9:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	14 0.087 0.50	mg/L	10 4/8/2021 02:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-007

Client Sample ID: MW-907-Q221
Collection Date: 4/7/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937	PrepDate:	Analyst: RAB
Nitrate as N	14 0.087 0.50	mg/L	10 4/8/2021 03:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 21-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044890
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044890-008

Client Sample ID: IW-03-Q221
Collection Date: 4/7/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210408A	QC Batch: R151937			PrepDate:		Analyst: RAB
Nitrate as N	20	0.44	2.5	mg/L	50	4/8/2021 11:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID MB-R151937_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: PBW	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172837	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N ND 0.050

Sample ID LCS-R151937_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: LCSW	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172838	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.246 0.050 1.250 0 99.7 90 110

Sample ID N044887-006AMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172861	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.283 0.050 1.250 0.04180 99.3 80 120

Sample ID N044887-006AMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172862	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.274 0.050 1.250 0.04180 98.5 80 120 1.283 0.735 20

Sample ID N044888-003BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937
Client ID: ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172863	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrate as N 1.591 0.050 1.250 0.3129 102 80 120

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044888-003BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172864						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.608	0.050	1.250	0.3129	104	80	120	1.591	1.09	20	
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Sample ID	N044887-019BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937		
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0			Analysis Date:	4/8/2021	SeqNo:	4172865		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	17.777	0.50	12.50	5.068	102	80	120				
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Sample ID	N044887-019BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 151937		
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021				SeqNo: 4172866			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	17.748	0.50	12.50	5.068	101	80	120	17.78	0.163	20	
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Sample ID	N044888-006BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172867						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	9.171	0.25	6.250	2.766	102	80	120				
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Sample ID	N044888-006BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 151937		
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021				SeqNo: 4172870			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	9.116	0.25	6.250	2.766	102	80	120	9.170	0.602	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044888-009AMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	34.748	1.0	25.00	9.288	102	80	120				
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Sample ID	N044888-009AMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172872						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	34.518	1.0	25.00	9.288	101	80	120	34.75	0.664	20	
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Sample ID	N044890-008BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	83.390	2.5	62.50	19.76	102	80	120				
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Sample ID	N044890-008BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 151937					
Client ID:	ZZZZZZ	Batch ID: R151937	TestNo: EPA 300.0	Analysis Date: 4/8/2021	SeqNo: 4172874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	82.640	2.5	62.50	19.76	101	80	120	83.39	0.903	20	
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Sample ID	N044887-020BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937		
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0	Analysis Date:	4/8/2021	SeqNo:	4172875				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	24.880	2.5						24.22	2.67	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044890
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044887-020BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151937
Client ID:	ZZZZZZ	Batch ID:	R151937	TestNo:	EPA 300.0			Analysis Date:	4/8/2021	SeqNo:	4172876
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Nitrate as N		86.790		2.5	62.50	24.22	100	80	120		

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



Page

1 of 2

NO44890

www.asseelaboratories.com

[illegible]



Page

2 of 2

Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691

California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.asafelaboratories.com

[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/7/2021 Workorder: N044890
 Rep sample Temp (Deg C): 2.1/4.8/2.3 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YRT 4/8/2021

Reviewed By: ABC 4/13/2021

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044890

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044890-001A	EX-29-Q221	4/7/2021 10:03:00 AM	4/21/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-001B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-002A	EX-37-Q221	4/7/2021 10:12:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-002B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-003A	EX-30-Q221	4/7/2021 10:52:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-003B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-004A	IW-01-Q221	4/7/2021 8:30:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-004B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-004C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-004D			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044890-004E			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-005A	MW-906-Q221	4/7/2021 8:40:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-005B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-005C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044890

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044890-005D	MW-906-Q221	4/7/2021 8:40:00 AM	4/21/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044890-005E			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-006A	IW-02-Q221	4/7/2021 9:05:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-006B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-006C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-006D			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044890-006E			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-007A	MW-907-Q221	4/7/2021 9:15:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-007B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-007C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-007D			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044890-007E			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

08-Apr-21

WorkOrder: N044890

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044890-007E	MW-907-Q221	4/7/2021 9:15:00 AM	4/21/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-008A	IW-03-Q221	4/7/2021 9:30:00 AM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044890-008B			4/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044890-008C			4/21/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044890-008D			4/21/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044890-008E			4/21/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044890-009A	EX-01-Q221	4/7/2021 1:20:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-009B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-010A	EX-34-Q221	4/7/2021 1:05:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-010B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-011A	EX-02-Q221	4/7/2021 12:45:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-011B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-012A	G-5R-Q221	4/7/2021 1:40:00 PM	4/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044890-012B			4/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

WORK ORDER Summary

08-Apr-21

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

Comments:

QC Level: Level IV

WorkOrder: N044890

Date Received: 4/7/2021

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044890-013A	FOLDER	4/21/2021	4/21/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/21/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/21/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Nana Tep

12-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044890-004D / IW-01-Q221	Groundwater	4/7/2021 8:30:00 AM	32OZP	1		
N044890-005D / MW-906-Q221	Groundwater	4/7/2021 8:40:00 AM	32OZP	1		
N044890-006D / IW-02-Q221	Groundwater	4/7/2021 9:05:00 AM	32OZP	1		
N044890-007D / MW-907-Q221	Groundwater	4/7/2021 9:15:00 AM	32OZP	1		
N044890-008D / IW-03-Q221	Groundwater	4/7/2021 9:30:00 AM	32OZP	1	(MS/MSD)	

Please run MS/MSD on sample N044890-008D / IW-03-Q221

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44890A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773419413038

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	<u>4/12/2021 1158</u>	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 22, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044901

RE: PG&E Hinkley - GMP, 30046045

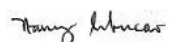
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 08, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044901

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N044903-003EMS, N044903-003EMSD, N044903-012EMS and N044903-012EMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (3.3 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044901-013 (MW-172S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.8 ug/L) and hexavalent chromium (1.1 ug/L) for sample N044901-015 (MW-117S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.5 ug/L) for sample N044901-018 (MW-126S2-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.5 ug/L) for

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044901

CASE NARRATIVE

sample N044901-019 (MW-920-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (3.3 ug/L) and hexavalent chromium (2.5 ug/L) for sample N044901-013 (MW-172S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.4 and 2.6 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.8 ug/L) and hexavalent chromium (1.1 ug/L) for sample N044901-015 (MW-117S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.0 and 1.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.5 ug/L) for sample N044901-018 (MW-126S2-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.7 and 1.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.5 ug/L) for sample N044901-019 (MW-920-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.6 and 1.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

ASSET Laboratories**Date:** 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044901
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044901-001A	MW-10-Q221	Groundwater	4/8/2021 1:32:00 PM	4/8/2021	4/22/2021
N044901-001B	MW-10-Q221	Groundwater	4/8/2021 1:32:00 PM	4/8/2021	4/22/2021
N044901-002A	MW-207S1-Q221	Groundwater	4/8/2021 9:20:00 AM	4/8/2021	4/22/2021
N044901-003A	MW-207S2-Q221	Groundwater	4/8/2021 8:39:00 AM	4/8/2021	4/22/2021
N044901-003B	MW-207S2-Q221	Groundwater	4/8/2021 8:39:00 AM	4/8/2021	4/22/2021
N044901-004A	MW-57-Q221	Groundwater	4/8/2021 11:04:00 AM	4/8/2021	4/22/2021
N044901-004B	MW-57-Q221	Groundwater	4/8/2021 11:04:00 AM	4/8/2021	4/22/2021
N044901-005A	MW-57D-Q221	Groundwater	4/8/2021 10:25:00 AM	4/8/2021	4/22/2021
N044901-005B	MW-57D-Q221	Groundwater	4/8/2021 10:25:00 AM	4/8/2021	4/22/2021
N044901-006A	MW-118S-Q221	Groundwater	4/8/2021 12:06:00 PM	4/8/2021	4/22/2021
N044901-006B	MW-118S-Q221	Groundwater	4/8/2021 12:06:00 PM	4/8/2021	4/22/2021
N044901-007A	MW-49S-Q221	Groundwater	4/8/2021 2:49:00 PM	4/8/2021	4/22/2021
N044901-007B	MW-49S-Q221	Groundwater	4/8/2021 2:49:00 PM	4/8/2021	4/22/2021
N044901-008A	G-1R-Q221	Groundwater	4/8/2021 11:29:00 AM	4/8/2021	4/22/2021
N044901-008B	G-1R-Q221	Groundwater	4/8/2021 11:29:00 AM	4/8/2021	4/22/2021
N044901-009A	C-01-Q221	Groundwater	4/8/2021 10:00:00 AM	4/8/2021	4/22/2021
N044901-009B	C-01-Q221	Groundwater	4/8/2021 10:00:00 AM	4/8/2021	4/22/2021
N044901-010A	C-04-Q221	Groundwater	4/8/2021 11:55:00 AM	4/8/2021	4/22/2021
N044901-010B	C-04-Q221	Groundwater	4/8/2021 11:55:00 AM	4/8/2021	4/22/2021
N044901-011A	MW-43-Q221	Groundwater	4/8/2021 1:19:00 PM	4/8/2021	4/22/2021
N044901-011B	MW-43-Q221	Groundwater	4/8/2021 1:19:00 PM	4/8/2021	4/22/2021
N044901-012A	MW-171S-Q221	Groundwater	4/8/2021 9:13:00 AM	4/8/2021	4/22/2021
N044901-012B	MW-171S-Q221	Groundwater	4/8/2021 9:13:00 AM	4/8/2021	4/22/2021
N044901-013A	MW-172S1-Q221	Groundwater	4/8/2021 10:33:00 AM	4/8/2021	4/22/2021
N044901-013B	MW-172S1-Q221	Groundwater	4/8/2021 10:33:00 AM	4/8/2021	4/22/2021
N044901-014A	MW-172S2-Q221	Groundwater	4/8/2021 9:59:00 AM	4/8/2021	4/22/2021
N044901-014B	MW-172S2-Q221	Groundwater	4/8/2021 9:59:00 AM	4/8/2021	4/22/2021
N044901-015A	MW-117S1-Q221	Groundwater	4/8/2021 8:19:00 AM	4/8/2021	4/22/2021
N044901-015B	MW-117S1-Q221	Groundwater	4/8/2021 8:19:00 AM	4/8/2021	4/22/2021

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044901
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044901-016A	MW-126S1-Q221	Groundwater	4/8/2021 12:01:00 PM	4/8/2021	4/22/2021
N044901-016B	MW-126S1-Q221	Groundwater	4/8/2021 12:01:00 PM	4/8/2021	4/22/2021
N044901-016C	MW-126S1-Q221	Groundwater	4/8/2021 12:01:00 PM	4/8/2021	4/22/2021
N044901-016D	MW-126S1-Q221	Groundwater	4/8/2021 12:01:00 PM	4/8/2021	4/22/2021
N044901-016E	MW-126S1-Q221	Groundwater	4/8/2021 12:01:00 PM	4/8/2021	4/22/2021
N044901-017A	MW-919-Q221	Groundwater	4/8/2021 12:11:00 PM	4/8/2021	4/22/2021
N044901-017B	MW-919-Q221	Groundwater	4/8/2021 12:11:00 PM	4/8/2021	4/22/2021
N044901-017C	MW-919-Q221	Groundwater	4/8/2021 12:11:00 PM	4/8/2021	4/22/2021
N044901-017D	MW-919-Q221	Groundwater	4/8/2021 12:11:00 PM	4/8/2021	4/22/2021
N044901-017E	MW-919-Q221	Groundwater	4/8/2021 12:11:00 PM	4/8/2021	4/22/2021
N044901-018A	MW-126S2-Q221	Groundwater	4/8/2021 11:23:00 AM	4/8/2021	4/22/2021
N044901-018B	MW-126S2-Q221	Groundwater	4/8/2021 11:23:00 AM	4/8/2021	4/22/2021
N044901-018C	MW-126S2-Q221	Groundwater	4/8/2021 11:23:00 AM	4/8/2021	4/22/2021
N044901-018D	MW-126S2-Q221	Groundwater	4/8/2021 11:23:00 AM	4/8/2021	4/22/2021
N044901-018E	MW-126S2-Q221	Groundwater	4/8/2021 11:23:00 AM	4/8/2021	4/22/2021
N044901-019A	MW-920-Q221	Groundwater	4/8/2021 11:33:00 AM	4/8/2021	4/22/2021
N044901-019B	MW-920-Q221	Groundwater	4/8/2021 11:33:00 AM	4/8/2021	4/22/2021
N044901-019C	MW-920-Q221	Groundwater	4/8/2021 11:33:00 AM	4/8/2021	4/22/2021
N044901-019D	MW-920-Q221	Groundwater	4/8/2021 11:33:00 AM	4/8/2021	4/22/2021
N044901-019E	MW-920-Q221	Groundwater	4/8/2021 11:33:00 AM	4/8/2021	4/22/2021
N044901-020A	MW-221S-Q221	Groundwater	4/8/2021 9:44:00 AM	4/8/2021	4/22/2021
N044901-020B	MW-221S-Q221	Groundwater	4/8/2021 9:44:00 AM	4/8/2021	4/22/2021
N044901-021A	MW-42C-Q221	Groundwater	4/8/2021 12:17:00 PM	4/8/2021	4/22/2021
N044901-021B	MW-42C-Q221	Groundwater	4/8/2021 12:17:00 PM	4/8/2021	4/22/2021
N044901-022A	MW-31C-Q221	Groundwater	4/8/2021 2:07:00 PM	4/8/2021	4/22/2021
N044901-022B	MW-31C-Q221	Groundwater	4/8/2021 2:07:00 PM	4/8/2021	4/22/2021
N044901-023A	MW-137S3-Q221	Groundwater	4/8/2021 8:57:00 AM	4/8/2021	4/22/2021
N044901-023B	MW-137S3-Q221	Groundwater	4/8/2021 8:57:00 AM	4/8/2021	4/22/2021
N044901-024A	EB-715-Q221	Groundwater	4/8/2021 1:41:00 PM	4/8/2021	4/22/2021
N044901-025A	EB-717-Q221	Groundwater	4/8/2021 3:15:00 PM	4/8/2021	4/22/2021

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-016

Client Sample ID: MW-126S1-Q221
Collection Date: 4/8/2021 12:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210412C	QC Batch: 87044			PrepDate: 4/12/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	2500	25	25	mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-017

Client Sample ID: MW-919-Q221
Collection Date: 4/8/2021 12:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210412C	QC Batch: 87044			PrepDate: 4/12/2021	Analyst: LR	
Total Dissolved Solids (Residue, Filterable)	2500	25	25	mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-018

Client Sample ID: MW-126S2-Q221
Collection Date: 4/8/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210412C	QC Batch: 87044			PrepDate: 4/12/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	2800	25	25	mg/L	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-019

Client Sample ID: MW-920-Q221
Collection Date: 4/8/2021 11:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412C	QC Batch: 87044		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	2800	25	25		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87044	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152009			
Client ID: LCSW	Batch ID: 87044	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171381			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filterat	965.000	10	1000	0	96.5	80	120					

Sample ID: MB-87044	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152009			
Client ID: PBW	Batch ID: 87044	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171382			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filterat	ND	10										

Sample ID: N044903-003CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152009			
Client ID: ZZZZZZ	Batch ID: 87044	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171390			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filterat	3893.333	33						3893	0	5		

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-002

Client Sample ID: MW-207S1-Q221
Collection Date: 4/8/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87011		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	5.8	0.056	0.67		pCi/L	1	4/12/2021 02:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-016

Client Sample ID: MW-126S1-Q221
Collection Date: 4/8/2021 12:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87010			PrepDate: 4/9/2021	Analyst: CEI	
Uranium	39	0.056	0.67	pCi/L	1	4/12/2021 10:43 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-017

Client Sample ID: MW-919-Q221
Collection Date: 4/8/2021 12:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87010			PrepDate: 4/9/2021	Analyst: CEI	
Uranium	39	0.056	0.67	pCi/L	1	4/12/2021 10:50 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-018

Client Sample ID: MW-126S2-Q221
Collection Date: 4/8/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87011		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	47	0.056	0.67		pCi/L	1	4/12/2021 03:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-019

Client Sample ID: MW-920-Q221
Collection Date: 4/8/2021 11:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87011	PrepDate: 4/9/2021	Analyst: CEI
Uranium	46 0.056 0.67	pCi/L	1 4/12/2021 03:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87010	SampType: MBLK	TestCode: 200.8DIS_U_P Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: PBW	Batch ID: 87010	TestNo: EPA 200.8	Analysis Date: 4/12/2021	SeqNo: 4171262							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium ND 0.67

Sample ID: LCS-87010		SampType: LCS		TestCode: 200.8DIS_U_P Units: pCi/L			Prep Date: 4/9/2021			RunNo: 152007		
Client ID: LCSW		Batch ID: 87010		TestNo: EPA 200.8			Analysis Date: 4/12/2021			SeqNo: 4171263		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Uranium 7.016 0.67 6.700 0 105 85 115

Sample ID: N044903-003EMS	SampType: MS	TestCode: 200.8DIS_U_P Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8	Analysis Date: 4/12/2021	SeqNo: 4171271							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 89.552 0.67 6.700 84.95 68.7 75 125 S

Sample ID: N044903-003EMSD	SampType: MSD	TestCode: 200.8DIS_U_P Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8	Analysis Date: 4/12/2021	SeqNo: 4171274							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 88.374 0.67 6.700 84.95 51.1 75 125 89.55 1.32 20 S

Sample ID: N044903-012EMS	SampType: MS	TestCode: 200.8DIS_U_P Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8	Analysis Date: 4/12/2021	SeqNo: 4171288							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 63.685 0.67 6.700 58.67 74.9 75 125 S

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID: N044903-012EMSD	SampType: MSD	TestCode: 200.8DIS_U_P Units: pCi/L				Prep Date: 4/9/2021			RunNo: 152007		
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8				Analysis Date: 4/12/2021			SeqNo: 4171300		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	62.583	0.67	6.700	58.67	58.4	75	125	63.68	1.75	20	S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID: MB-87011	SampType: MBLK	TestCode: 200.8DIS_U_P Units: pCi/L				Prep Date: 4/9/2021			RunNo: 152007		
Client ID: PBW	Batch ID: 87011	TestNo: EPA 200.8				Analysis Date: 4/12/2021			SeqNo: 4171301		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium ND 0.67

Sample ID: LCS-87011	SampType: LCS	TestCode: 200.8DIS_U_P Units: pCi/L				Prep Date: 4/9/2021			RunNo: 152007		
Client ID: LCSW	Batch ID: 87011	TestNo: EPA 200.8				Analysis Date: 4/12/2021			SeqNo: 4171302		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 7.110 0.67 6.700 0 106 85 115

Sample ID: N044901-002A-MS	SampType: MS	TestCode: 200.8DIS_U_P Units: pCi/L				Prep Date: 4/9/2021			RunNo: 152007		
Client ID: ZZZZZZ	Batch ID: 87011	TestNo: EPA 200.8				Analysis Date: 4/12/2021			SeqNo: 4171306		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 12.983 0.67 6.700 5.791 107 75 125

Sample ID: N044901-002A-MSD	SampType: MSD	TestCode: 200.8DIS_U_P Units: pCi/L				Prep Date: 4/9/2021			RunNo: 152007		
Client ID: ZZZZZZ	Batch ID: 87011	TestNo: EPA 200.8				Analysis Date: 4/12/2021			SeqNo: 4171307		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 13.026 0.67 6.700 5.791 108 75 125 12.98 0.331 20

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: N044903-003E-PS	SampType: PS	TestCode: 200.8DIS_U_P Units: pCi/L				Prep Date:		RunNo: 152007			
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8				Analysis Date: 4/12/2021		SeqNo: 4171270			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	89.106	0.67	6.700	84.95	62.0	80	120				S

Sample ID: N044903-012E-PS	SampType: PS	TestCode: 200.8DIS_U_P Units: pCi/L				Prep Date:		RunNo: 152007			
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8				Analysis Date: 4/12/2021		SeqNo: 4171287			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	62.707	0.67	6.700	58.67	60.3	80	120				S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID: N044901-002A-PS	SampType: PS	TestCode: 200.8DIS_U_P Units: pCi/L				Prep Date:			RunNo: 152007		
Client ID: ZZZZZZ	Batch ID: 87011	TestNo: EPA 200.8				Analysis Date: 4/12/2021			SeqNo: 4171305		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	12.809	0.67	6.700	5.791	105	80	120				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-001

Client Sample ID: MW-10-Q221
Collection Date: 4/8/2021 1:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	5.2	0.033	0.20		µg/L	1	4/9/2021 08:00 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	4.9	0.13	1.0		µg/L	1	4/9/2021 11:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-003

Client Sample ID: MW-207S2-Q221
Collection Date: 4/8/2021 8:39:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.1	0.033	0.20		µg/L	1	4/9/2021 08:10 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	4.5	0.13	1.0		µg/L	1	4/9/2021 11:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-004

Client Sample ID: MW-57-Q221
Collection Date: 4/8/2021 11:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/9/2021 08:19 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	1.8	0.13	1.0		µg/L	1	4/9/2021 11:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-005

Client Sample ID: MW-57D-Q221
Collection Date: 4/8/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.8	0.033	0.20		µg/L	1	4/9/2021 08:48 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	1.9	0.13	1.0		µg/L	1	4/9/2021 11:38 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-006

Client Sample ID: MW-118S-Q221
Collection Date: 4/8/2021 12:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.3	0.033	0.20		µg/L	1	4/9/2021 08:57 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.7	0.13	1.0		µg/L	1	4/9/2021 11:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-007

Client Sample ID: MW-49S-Q221
Collection Date: 4/8/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.4	0.033	0.20		µg/L	1	4/9/2021 10:41 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	4.4	0.13	1.0		µg/L	1	4/9/2021 11:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-008

Client Sample ID: G-1R-Q221
Collection Date: 4/8/2021 11:29:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/9/2021 10:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/10/2021 12:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-009

Client Sample ID: C-01-Q221
Collection Date: 4/8/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.0	0.033	0.20		µg/L	1	4/9/2021 11:00 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	1.3	0.13	1.0		µg/L	1	4/10/2021 12:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-010

Client Sample ID: C-04-Q221
Collection Date: 4/8/2021 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/9/2021 11:10 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/10/2021 12:19 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-011

Client Sample ID: MW-43-Q221
Collection Date: 4/8/2021 1:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/9/2021 11:19 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.5	0.13	1.0		µg/L	1	4/10/2021 12:26 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-012

Client Sample ID: MW-171S-Q221
Collection Date: 4/8/2021 9:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/9/2021 11:29 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.6	0.13	1.0		µg/L	1	4/10/2021 12:32 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-013

Client Sample ID: MW-172S1-Q221
Collection Date: 4/8/2021 10:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/9/2021 11:38 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	3.3	0.13	1.0		µg/L	1	4/10/2021 12:37 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-014

Client Sample ID: MW-172S2-Q221
Collection Date: 4/8/2021 9:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.29	0.033	0.20		µg/L	1	4/9/2021 11:47 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/10/2021 12:43 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-015

Client Sample ID: MW-117S1-Q221
Collection Date: 4/8/2021 8:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/9/2021 11:57 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	1.8	0.13	1.0		µg/L	1	4/10/2021 12:49 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

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ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-016

Client Sample ID: MW-126S1-Q221
Collection Date: 4/8/2021 12:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/9/2021 09:25 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	3.0	0.13	1.0		µg/L	1	4/10/2021 01:19 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-017

Client Sample ID: MW-919-Q221
Collection Date: 4/8/2021 12:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/10/2021 12:06 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	3.2	0.13	1.0		µg/L	1	4/10/2021 01:25 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-018

Client Sample ID: MW-126S2-Q221
Collection Date: 4/8/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/9/2021 09:54 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.7	0.13	1.0		µg/L	1	4/10/2021 01:31 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-019

Client Sample ID: MW-920-Q221
Collection Date: 4/8/2021 11:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/10/2021 12:35 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.7	0.13	1.0		µg/L	1	4/10/2021 01:37 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-020

Client Sample ID: MW-221S-Q221
Collection Date: 4/8/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	5.1	0.033	0.20		µg/L	1	4/10/2021 12:44 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	5.2	0.13	1.0		µg/L	1	4/10/2021 01:43 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-021

Client Sample ID: MW-42C-Q221
Collection Date: 4/8/2021 12:17:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/10/2021 12:54 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.7	0.13	1.0		µg/L	1	4/10/2021 01:49 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-022

Client Sample ID: MW-31C-Q221
Collection Date: 4/8/2021 2:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.8	0.033	0.20		µg/L	1	4/10/2021 01:03 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	1.8	0.13	1.0		µg/L	1	4/10/2021 01:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-023

Client Sample ID: MW-137S3-Q221
Collection Date: 4/8/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	7.2	0.033	0.20		µg/L	1	4/10/2021 01:13 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	7.3	0.13	1.0		µg/L	1	4/10/2021 02:01 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-024

Client Sample ID: EB-715-Q221
Collection Date: 4/8/2021 1:41:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/10/2021 01:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-025

Client Sample ID: EB-717-Q221
Collection Date: 4/8/2021 3:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409C	QC Batch: R151967		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/10/2021 01:31 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: LCS-R151966	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: LCSW	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169397	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.003	0.20	5.000	0	100 90 110

Sample ID: MB-R151966	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: PBW	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169398	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: N044903-012AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: ZZZZZZ	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169403	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	9.229	0.20	5.000	4.034	104 90 110

Sample ID: N044903-012AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: ZZZZZZ	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169404	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	9.262	0.20	5.000	4.034	105 90 110 9.229 0.355 20

Sample ID: N044903-021AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: ZZZZZZ	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169405	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	10.219	0.20	5.000	4.940	106 90 110

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044903-021ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966						
Client ID: ZZZZZZ	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169406							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.883	0.20						4.940	1.16	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: MB-R151967	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151967						
Client ID: PBW	Batch ID: R151967	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169437						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R151967		SampType: LCS		TestCode: 218.6_WPGE		Units: µg/L		Prep Date:			RunNo: 151967		
Client ID: LCSW		Batch ID: R151967		TestNo: EPA 218.6		Analysis Date: 4/9/2021			SeqNo: 4169438				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 5.001 0.20 5.000 0 100 90 110

Sample ID: N044901-016AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151967						
Client ID: ZZZZZZ	Batch ID: R151967	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169440						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 3.526 0.20 1.000 2.491 103 90 110

Sample ID: N044901-016AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151967						
Client ID: ZZZZZZ	Batch ID: R151967	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169441						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 3.490 0.20 1.000 2.491 99.9 90 110 3.526 1.01 20

Sample ID: N044901-018ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151967						
Client ID: ZZZZZZ	Batch ID: R151967	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169443						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 1.462 0.20 1.461 0.0547 20

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044901-018AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151967						
Client ID: ZZZZZZ	Batch ID: R151967	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169444							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	2.504	0.20	1.000	1.461	104	90	110				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87004	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014						
Client ID: PBW	Batch ID: 87004	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/9/2021	SeqNo: 4171584						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID: LCS-87004	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014						
Client ID: LCSW	Batch ID: 87004	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/9/2021	SeqNo: 4171585						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 9.946 1.0 10.00 0 99.5 85 115

Sample ID: N044902-001B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014						
Client ID: ZZZZZZ	Batch ID: 87004	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/9/2021	SeqNo: 4171589						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 11.401 1.0 10.00 2.062 93.4 75 125

Sample ID: N044902-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014						
Client ID: ZZZZZZ	Batch ID: 87004	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/9/2021	SeqNo: 4171590						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 11.285 1.0 10.00 2.062 92.2 75 125 11.40 1.02 20

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87005	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014						
Client ID: PBW	Batch ID: 87005	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/10/2021	SeqNo: 4171616						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0									
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Sample ID: LCS-87005	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014						
Client ID: LCSW	Batch ID: 87005	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/10/2021	SeqNo: 4171617						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	9.696	1.0	10.00	0	97.0	85	115				
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Sample ID: N044903-003EMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152030						
Client ID: ZZZZZZ	Batch ID: 87005	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/12/2021	SeqNo: 4172147						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.864	1.0	10.00	1.595	92.7	75	125				
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Sample ID: N044903-003EMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152030						
Client ID: ZZZZZZ	Batch ID: 87005	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/12/2021	SeqNo: 4172148						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.853	1.0	10.00	1.595	92.6	75	125	10.86	0.101	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-016

Client Sample ID: MW-126S1-Q221
Collection Date: 4/8/2021 12:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409B	QC Batch: R151972			PrepDate:		Analyst: RAB
Nitrate as N	23	0.17	1.0	mg/L	20	4/9/2021 07:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-017

Client Sample ID: MW-919-Q221
Collection Date: 4/8/2021 12:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409B	QC Batch: R151972			PrepDate:		Analyst: RAB
Nitrate as N	23	0.17	1.0	mg/L	20	4/9/2021 07:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-018

Client Sample ID: MW-126S2-Q221
Collection Date: 4/8/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409B	QC Batch: R151972			PrepDate:		Analyst: RAB
Nitrate as N	29	0.17	1.0	mg/L	20	4/9/2021 08:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044901
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044901-019

Client Sample ID: MW-920-Q221
Collection Date: 4/8/2021 11:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409B	QC Batch: R151972			PrepDate:		Analyst: RAB
Nitrate as N	29	0.17	1.0	mg/L	20	4/9/2021 08:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044901
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID: LCS-R151972_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: LCSW	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173022		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	1.226	0.050	1.250	0	98.1	90	110				

Sample ID: MB-R151972_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: PBW	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173025		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	ND	0.050									

Sample ID: N044903-022BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: ZZZZZZ	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173027		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	35.476	1.0	25.00	10.76	98.9	80	120				

Sample ID: N044903-022BMDS	SampType: MSD	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: ZZZZZZ	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173028		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	35.752	1.0	25.00	10.76	100	80	120	35.48	0.775	20	

Sample ID: N044903-023BDUP	SampType: DUP	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: ZZZZZZ	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173030		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	12.691	0.50						12.69	0	20	

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference



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Page 1 of 2

Contact us:

Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Carrritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition																	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N																	
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: lisa.kellogg@arcadis.com		Geotracker		RWQCB		1. Chilled																	
Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		P.O.#		Labspec		CalTrans		2. Headspace																	
Submitted By: Riggie Top		Phone: 1 916 865 3168		Phone: 951.677.0577		Others		LEVEL III		3. Container Intact																	
Title: Field Tech		Fax:		Fax:		Specify: EQ EDD		LEVEL IV		4. Seal Present																	
Signature: <i>Riggie Top</i> Date: 4/8/21		Sampled By: <i>Nara Top</i>		Matrix		Global ID:		Regulatory		5. IR number																	
I hereby authorize ASSET Labs to perform the tests indicated below.		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Ground-water x Sediment		Specify State:		6. Method of Cooling: <i>For</i>		2.6°C / 2.5°C																	
Project Name: PG&E Hinkley - GMP		Signature: <i>[Signature]</i> Date: 4/8/21		Potable		2.4°C / 1.8°C		Sample Temp: 2.6°C / 1.2°C		Courier: ASSET																	
Project Number: 30048045				NPDES				Tracking No.:																			
				Surface																							
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly	Arions (E300.0) NO3N, 4°C, 1000ml Poly	Ortho-Phosphate (E300.0); 4°C, 1000ml Poly	TDS (SM2540C); 4°C, 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Metals Dissolved (E202AFF) As, HNO3, 4°C, 500 ml Poly	Metals Dissolved (E010BDis) Fe, HNO3, 4°C, 500 ml Poly	Metals Dissolved (E020AFF) Mn; HNO3, 4°C, 500 ml Poly	Metals Dissolved (E020AFF) Cr, HNO3, 4°C, 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C, 500 ml Poly	TPH-D (E015B) 3x1 Liter Amber Glass, 4°C	TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Anions (E300.0) SO4; 4°C, 1000ml Poly	Turn Around Time	No. of Container	Remarks		
	N044901-01	MW-10-Q221	4/8/2021	1332		X																	E	2			
	-02	MW-207S1-Q221	4/8/2021	0920																			E	1			
	-03	MW-207S2-Q221	4/8/2021	0839		X																	E	2			
	-04	MW-57-Q221	4/8/2021	1104		X																	E	2			
	-05	MW-57D-Q221	4/8/2021	1025		X																	E	2			
	-06	MW-118S-Q221	4/8/2021	1206		X																	E	2			
	-07	MW-49S-Q221	4/8/2021	1449		X																	E	2			
	-08	G-1R-Q221	4/8/2021	1129		X																	E	2			
	-09	C-01-Q221	4/8/2021	1000		X																	E	2			
	-10	C-04-Q221	4/8/2021	1155		X																	E	2			
	-11	MW-43-Q221	4/8/2021	1319		X																	E	2			
Relinquished by (Signature and Printed Name): <i>Riggie Top</i> Date/Time: 4/8/21 1555		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/8/21 1555		Turn Around Time (TAT)		Special Instruction:																					
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/8/21 1841		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/8/21 1841		A < 24 Hrs or Same Day TAT																							
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/8/21 1841		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/8/21 1841		B = Next Workday																							
				C = 2 Workdays																							
				D = 3 Workdays																							
				E = Routine 5-7 Workdays																							
				TAT Starts at 8 AM the following day if samples received after 3:00PM.																							
				Preservatives:		Container Type:																					
				H=HCL N=HNO3 S=H2SO4 C=4°C T=Tube V=VOA P=Plnt																							
				Z=Zn(AC)2 O=NaOH T=Na2S2O3 J=Jar B=Tedlar G=Glass																							
				Others/Specify: B (NH4)2SO4/NH4OH M=Metal M=Metal C=Can																							

N044901



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Page 2 of 2

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition																
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N																
Phone: 1 916 865 3188		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Address: lisa.kellogg@arcadis.com		P.O.#		1. Chilled																
Fax: 1 916 865 3188		Submitted By: Riggie Top		Phone: 951.677.0577		Fax:		EQ EDD		2. Headspace																
Title: Field Tech		Signature: <i>[Signature]</i> Date: 4/8/21		Phone: 1 916 865 3168		Fax:		Specify:		3. Container Intact																
I hereby authorize ASSET Labs to perform the tests indicated below.		Sampled By: Josh Alcorn		Matrix		Ground-water		LEVEL III		4. Seal Present																
Project Name: PG&E Hinkley - GMP		Signature: <i>[Signature]</i> Date: 4-8-21		Potable		Sediment		LEVEL IV		5. IR number																
Project Number: 30046045		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		NPDES		Other Solid		Regulatory		6. Method of Cooling: ICE																
				Surface				Specify State:		26°C/2.5°C/2.4°C/2.6°C																
										Sample Temp: 1-2°C/1.8°C/1.7°C																
										Courier: ASSET																
										Tracking No.:																
										Remarks																
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6010B01a) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (8015B) 3x1 Liter Amber Glass, 4°C	TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks	
	N044901-12	MW-171S-Q221	4/8/2021	0813		X																				
	-13	MW-172S1-Q221	4/8/2021	1033		X																	E 2			
	-14	MW-172S2-Q221	4/8/2021	0959		X																	E 2			
	-15	MW-117S1-Q221	4/8/2021	0819		X																	E 2			
	-16	MW-126S1-Q221	4/8/2021	1201		X	X		X	X					X	X							E 6			
	-17	MW-919-Q221	4/8/2021	1211		X	X		X	X					X	X							E 6			
	-18	MW-126S2-Q221	4/8/2021	1123		X	X		X	X					X	X							E 6			
	-19	MW-920-Q221	4/8/2021	1133		X	X		X	X					X	X							E 6			
	-20	MW-221S-Q221	4/8/2021	0944		X									X								E 2			
	-21	MW-42C-Q221	4/8/2021	1217		X									X								E 2			
	-22	MW-31C-Q221	4/8/2021	1407		X									X								E 2			
	-23	MW-137S3-Q221	4/8/2021	0857		X									X								E 2			
	-24	EB-715-Q221	4/8/2021	1341		X																	E 1			
	-25	EB-717-Q221	4/8/2021	1515		X																	E 1			
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Riggie Top 4/8/21 1555		Date/Time: 4/8/21 1555		Relinquished by (Signature and Printed Name): <i>[Signature]</i> J160 4/8/21 1555		Date/Time: 4/8/21 1555		Turn Around Time (TAT)		Special Instruction:																
Relinquished by (Signature and Printed Name): <i>[Signature]</i> JORDAN 160 4/8/21 1841		Date/Time: 4/8/21 1841		Relinquished by (Signature and Printed Name): <i>[Signature]</i> JORDAN 160 4/8/21 1841		Date/Time: 4/8/21 1841		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays																		
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		TAT Starts at 8 AM the following day if samples received after 3:00PM.																		
Terms		5. Trip Blanks and Equipment Blanks are billable sample.		Preservatives:		Container Type:																				
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		H=HCL		T=Tube																				
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis		7. Terms are not 30 days.		N=HNO3		V=VOA																				
Less than 24 Hrs=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%		8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		S=H2SO4		B=Tedlar																				
3. Custom EDD formats will be an additional 5% of the total project price.		9. For subcontract analysis, TAT and Surcharges will vary.		C=4°C		G=Glass																				
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharges are based on total				Z=Zn(AC)2		M=Metal																				
				O=NaOH		C=Can																				
				T=Na2S2O3																						
				Others/Specify: B [(NH4)2SO4/NH4OH]																						

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/8/2021 Workorder: N044901
Rep sample Temp (Deg C): 2.6/2.5/2.4/2.6/1.2/1.8/1.7 IR Gun ID: 2
Temp Blank: ☒ Yes ☐ No
Carrier name: ASSET
Last 4 digits of Tracking No.: NA Packing Material Used: None
Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |

Comments: See Correspondence.

Checklist Completed By: YR

YR

4/14/2021

Reviewed By:

ABC

4/14/2021

Subject: RE: PG&E Hinkley - GMP, 30046045 (ASSET Labs No. N044901)
From: "Madsen, Laura" <Laura.Madsen@arcadis.com>
Date: 4/14/2021, 8:42 AM
To: Yoandra Rodriguez <yoandra@assetlaboratories.com>
CC: Tina Rice <Tina.Rice@critigen.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>, "rustico.aquino@assetlaboratoriesph.com" <rustico.aquino@assetlaboratoriesph.com>

Hi,
EB-717 should have a date of 4/8/21

Thanks,
Laura

From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Sent: Wednesday, April 14, 2021 10:39 AM
To: Madsen, Laura <Laura.Madsen@arcadis.com>
Cc: Tina Rice <Tina.Rice@critigen.com>; maryann.balilu@assetlaboratoriesph.com; rustico.aquino@assetlaboratoriesph.com
Subject: PG&E Hinkley - GMP, 30046045 (ASSET Labs No. N044901)

Hi Laura,

Please kindly advise on the following issue for the attached COC:

- Sample 25 (EB-717-Q221): Collection date is 4//9/2021 on COC and 4/8/2021 on label.

--

Thanks,

Yoandra Rodriguez

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044901

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044901-001A	MW-10-Q221	4/8/2021 1:32:00 PM	4/22/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-001B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-002A	MW-207S1-Q221	4/8/2021 9:20:00 AM	4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-003A	MW-207S2-Q221	4/8/2021 8:39:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-003B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-004A	MW-57-Q221	4/8/2021 11:04:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-004B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-005A	MW-57D-Q221	4/8/2021 10:25:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-005B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-006A	MW-118S-Q221	4/8/2021 12:06:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-006B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-007A	MW-49S-Q221	4/8/2021 2:49:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-007B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-008A	G-1R-Q221	4/8/2021 11:29:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-008B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044901

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044901-008B	G-1R-Q221	4/8/2021 11:29:00 AM	4/22/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-009A	C-01-Q221	4/8/2021 10:00:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-009B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-010A	C-04-Q221	4/8/2021 11:55:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-010B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-011A	MW-43-Q221	4/8/2021 1:19:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-011B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-012A	MW-171S-Q221	4/8/2021 9:13:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-012B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-013A	MW-172S1-Q221	4/8/2021 10:33:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-013B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-014A	MW-172S2-Q221	4/8/2021 9:59:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-014B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-015A	MW-117S1-Q221	4/8/2021 8:19:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-015B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044901

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044901-016A	MW-126S1-Q221	4/8/2021 12:01:00 PM	4/22/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-016B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-016C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-016D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044901-016E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-017A	MW-919-Q221	4/8/2021 12:11:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-017B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-017C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-017D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044901-017E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-018A	MW-126S2-Q221	4/8/2021 11:23:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-018B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-018C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044901

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044901-018D	MW-126S2-Q221	4/8/2021 11:23:00 AM	4/22/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044901-018E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-019A	MW-920-Q221	4/8/2021 11:33:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-019B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-019C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-019D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044901-019E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-020A	MW-221S-Q221	4/8/2021 9:44:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-020B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-021A	MW-42C-Q221	4/8/2021 12:17:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-021B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-022A	MW-31C-Q221	4/8/2021 2:07:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-022B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044901

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044901-022B	MW-31C-Q221	4/8/2021 2:07:00 PM	4/22/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-023A	MW-137S3-Q221	4/8/2021 8:57:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-023B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-024A	EB-715-Q221	4/8/2021 1:41:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-025A	EB-717-Q221	4/8/2021 3:15:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044901-026A	FOLDER	4/22/2021	4/22/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/22/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/22/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Josh Acesa

12-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044901-016D / MW-126S1-Q221	Groundwater	4/8/2021 12:01:00 PM	32OZP	1		
N044901-017D / MW-919-Q221	Groundwater	4/8/2021 12:11:00 PM	32OZP	1		
N044901-018D / MW-126S2-Q221	Groundwater	4/8/2021 11:23:00 AM	32OZP	1		
N044901-019D / MW-920-Q221	Groundwater	4/8/2021 11:33:00 AM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44901A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773419413038

	Date/Time		Date/Time
Relinquished by: <u>YRJ</u>	4/12/2021 1158	Received by: _____	
Relinquished by: _____		Received by: _____	

April 15, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044902

RE: PG&E Hinkley - DOM, 30046045

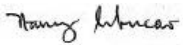
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 08, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

"Serving Clients with Passion and Professionalism"

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NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N044902

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



ASSET Laboratories

Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - DOM, 30046045**Lab Order:** N044902**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044902-001A	22-75-Q221	Groundwater	4/8/2021 8:50:00 AM	4/8/2021	4/15/2021
N044902-001B	22-75-Q221	Groundwater	4/8/2021 8:50:00 AM	4/8/2021	4/15/2021
N044902-002A	27-42-Q221	Groundwater	4/8/2021 9:20:00 AM	4/8/2021	4/15/2021
N044902-002B	27-42-Q221	Groundwater	4/8/2021 9:20:00 AM	4/8/2021	4/15/2021
N044902-003A	27-43-Q221	Groundwater	4/8/2021 9:40:00 AM	4/8/2021	4/15/2021
N044902-003B	27-43-Q221	Groundwater	4/8/2021 9:40:00 AM	4/8/2021	4/15/2021
N044902-004A	22-48-Q221	Groundwater	4/8/2021 12:10:00 PM	4/8/2021	4/15/2021
N044902-004B	22-48-Q221	Groundwater	4/8/2021 12:10:00 PM	4/8/2021	4/15/2021
N044902-005A	22-103-Q221	Groundwater	4/8/2021 8:10:00 AM	4/8/2021	4/15/2021
N044902-005B	22-103-Q221	Groundwater	4/8/2021 8:10:00 AM	4/8/2021	4/15/2021
N044902-006A	22-82-Q221	Groundwater	4/8/2021 8:30:00 AM	4/8/2021	4/15/2021
N044902-006B	22-82-Q221	Groundwater	4/8/2021 8:30:00 AM	4/8/2021	4/15/2021

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044902
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044902-001

Client Sample ID: 22-75-Q221
Collection Date: 4/8/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/9/2021 09:19 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.1	0.13	1.0		µg/L	1	4/9/2021 09:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044902
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044902-002

Client Sample ID: 27-42-Q221
Collection Date: 4/8/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.38	0.033	0.20		µg/L	1	4/9/2021 11:33 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/9/2021 10:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044902
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044902-003

Client Sample ID: 27-43-Q221
Collection Date: 4/8/2021 9:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/9/2021 09:58 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	1.4	0.13	1.0		µg/L	1	4/9/2021 10:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044902
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044902-004

Client Sample ID: 22-48-Q221
Collection Date: 4/8/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409A	QC Batch: R151964			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/9/2021 10:17 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210409A	QC Batch: 87004			PrepDate:	4/9/2021	Analyst: CEI	
Chromium	2.4	0.13	1.0		µg/L	1	4/9/2021 11:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044902
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044902-005

Client Sample ID: 22-103-Q221
Collection Date: 4/8/2021 8:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409A	QC Batch: R151964			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/9/2021 10:55 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004			PrepDate:	4/9/2021	Analyst: CEI	
Chromium	1.8	0.13	1.0		µg/L	1	4/9/2021 11:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044902
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044902-006

Client Sample ID: 22-82-Q221
Collection Date: 4/8/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.90	0.033	0.20		µg/L	1	4/9/2021 11:14 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87004		PrepDate:		4/9/2021	Analyst: CEI	
Chromium	1.1	0.13	1.0		µg/L	1	4/9/2021 11:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044902
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R151964	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: PBW	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169299
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R151964	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: LCSW	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169300
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 5.055 0.20 5.000 0 101 90 110

Sample ID: N044902-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169302
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 3.222 0.20 1.000 2.149 107 90 110

Sample ID: N044902-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169303
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 1.437 0.20 1.000 0.3833 105 90 110

Sample ID: N044902-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169305
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 2.454 0.20 1.000 1.405 105 90 110

Qualifiers:

B Analyte detected in the associated Method Blank E Value above quantitation range H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 Calculations are based on raw values



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044902
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044902-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169307						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.217	0.20	1.000	2.171	105	90	110				
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Sample ID: N044902-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169311						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.881	0.20	1.000	1.886	99.6	90	110				
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Sample ID: N044892-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169317						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	674.735	10	250.0	414.8	104	90	110				
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Sample ID: N044902-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169318						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.223	0.20	1.000	2.171	105	90	110	3.217	0.193	20	
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Sample ID: N044902-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169322						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.067	0.20						2.149	3.91	20	
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Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044902
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044902-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169323						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.916	0.20	1.000	0.8998	102	90	110				
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Sample ID: N044903-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169325						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.691	0.20	1.000	1.631	106	90	110				
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Sample ID: N044903-003AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169326						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.678	0.20	1.000	1.631	105	90	110	2.691	0.510	20	
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044902
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87004	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014
Client ID: PBW	Batch ID: 87004	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/9/2021	SeqNo: 4171584
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87004	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014
Client ID: LCSW	Batch ID: 87004	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/9/2021	SeqNo: 4171585
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.946 1.0 10.00 0 99.5 85 115

Sample ID: N044902-001B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014
Client ID: ZZZZZZ	Batch ID: 87004	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/9/2021	SeqNo: 4171589
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.401 1.0 10.00 2.062 93.4 75 125

Sample ID: N044902-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014
Client ID: ZZZZZZ	Batch ID: 87004	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/9/2021	SeqNo: 4171590
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.285 1.0 10.00 2.062 92.2 75 125 11.40 1.02 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EOD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y	
Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		P.O.#		Labspec		1. Chilled	
Phone: 1 918 885 3168		Fax:		Phone: 951.677.0577		Fax:		Others		2. Headspace	
Submitted By: Riggie Top		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		P.O.#		Specify: EQ EDD		3. Container Intact	
Title: Field Tech		Phone: 1 918 885 3168		Fax:		Global ID:		Specify State:		4. Seal Present	
Signature: 4/8/21		Sampled By: Nava Top		Ground-water		Matrix		Labspec		5. IR number	
I hereby authorize ASSET Labs to perform the tests indicated below.		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Potable		NPDES		Others		6. Method of Cooling:	
Project Name: PG&E Hinkley - DOM		Signature: 4/8/21		Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly		Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly		JCB	
Project Number: 30046045		Date: 4/8/21		Sample Date		Sample Time		Others		Sample Temp: 1.2°C	
Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others		Remarks	
N044902-01		22-75-Q221		4/8/2021		0850					
-02		27-42-Q221		4/8/2021		0920					
-03		27-43-Q221		4/8/2021		0940					
-04		22-48-Q221		4/8/2021		1210					
-05		22-103-Q221		4/8/2021		0810					
-06		22-82-Q221		4/8/2021		0830					
Relinquished by (Signature and Printed Name): Riggie Top 4/8/21 1555		Date/Time: 4/8/21 1555		Relinquished by (Signature and Printed Name): JORDAN 4/8/21 1841		Date/Time: 4/8/21 1841		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name): JORDAN 4/8/21 1841		Date/Time: 4/8/21 1841		Relinquished by (Signature and Printed Name): JORDAN 4/8/21 1841		Date/Time: 4/8/21 1841		TAT Starts at 8 AM the following day if samples received after 3:00PM.			
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Preservatives:		Container Type:	
								H=HCL N=HNO3 S=H2SO4 C=4°C		T=Tube V=VOA P=Pin	
								Z=Zn(AC)2 O=NaOH T=Na2S2O3		J=Jar B=Tedlar G=Glass	
								Others/Specify: B (NH4)2SO4/NH4OH		M=Metal C=Can	
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		5. Trip Blanks and Equipment Blanks are reliable samples.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 days.		8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		9. For subcontract analysis, TAT and surcharges will vary.	
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20% 5 Workdays=10% 6 Workdays=5% 7 Workdays=0% 8 Workdays=0% 9 Workdays=0% 10 Workdays=0%		3. Custom EDD formats will be an additional 3% of the total project price.		4. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		5. For subcontract analysis, TAT and surcharges will vary.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 days.	

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/8/2021

Workorder: N044902

Rep sample Temp (Deg C): 1.2

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YRJ

4/12/2021

Reviewed By:

ABC

4/13/2021

ASSET Laboratories

WORK ORDER Summary

09-Apr-21

WorkOrder: N044902

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044902-001A	22-75-Q221	4/8/2021 8:50:00 AM	4/15/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-001B			4/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-002A	27-42-Q221	4/8/2021 9:20:00 AM	4/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-002B			4/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-003A	27-43-Q221	4/8/2021 9:40:00 AM	4/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-003B			4/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-004A	22-48-Q221	4/8/2021 12:10:00 PM	4/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-004B			4/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-005A	22-103-Q221	4/8/2021 8:10:00 AM	4/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-005B			4/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-006A	22-82-Q221	4/8/2021 8:30:00 AM	4/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-006B			4/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044902-007A	FOLDER	4/15/2021	4/15/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/15/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/15/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 22, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044903

RE: PG&E Hinkley - ATU, 30046045

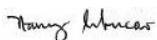
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 08, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044903

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N044903-003EMS, N044903-003EMSD, N044903-012EMS and N044903-012EMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (4.8 ug/L) and hexavalent chromium (3.3 ug/L) for sample N044903-010 (MW-127S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.6 ug/L) and hexavalent chromium (1.6 ug/L) for sample N044903-011 (MW-127S2-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (33 ug/L) and hexavalent chromium (1.7 ug/L) for sample N044903-017 (EX-24-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044903

CASE NARRATIVE

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Iron in QC sample N044903-015D-MS possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS) and Matrix Spike Duplicate (MSD) is outside criteria; however, the associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (4.8 ug/L) and hexavalent chromium (3.3 ug/L) for sample N044903-010 (MW-127S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.5 and 3.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.6 ug/L) and hexavalent chromium (1.6 ug/L) for sample N044903-011 (MW-127S2-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.5 and 1.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (33 ug/L) and hexavalent chromium (1.7 ug/L) for sample N044903-017 (EX-24-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 26 and 3.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

ASSET Laboratories**Date:** 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044903
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044903-001A	DVD-EPVT-Q221	Groundwater	4/8/2021 1:55:00 PM	4/8/2021	4/22/2021
N044903-001B	DVD-EPVT-Q221	Groundwater	4/8/2021 1:55:00 PM	4/8/2021	4/22/2021
N044903-001C	DVD-EPVT-Q221	Groundwater	4/8/2021 1:55:00 PM	4/8/2021	4/22/2021
N044903-001D	DVD-EPVT-Q221	Groundwater	4/8/2021 1:55:00 PM	4/8/2021	4/22/2021
N044903-002A	DVD-WPVT-Q221	Groundwater	4/8/2021 1:25:00 PM	4/8/2021	4/22/2021
N044903-002B	DVD-WPVT-Q221	Groundwater	4/8/2021 1:25:00 PM	4/8/2021	4/22/2021
N044903-002C	DVD-WPVT-Q221	Groundwater	4/8/2021 1:25:00 PM	4/8/2021	4/22/2021
N044903-002D	DVD-WPVT-Q221	Groundwater	4/8/2021 1:25:00 PM	4/8/2021	4/22/2021
N044903-003A	G-2R-Q221	Groundwater	4/8/2021 8:25:00 AM	4/8/2021	4/22/2021
N044903-003B	G-2R-Q221	Groundwater	4/8/2021 8:25:00 AM	4/8/2021	4/22/2021
N044903-003C	G-2R-Q221	Groundwater	4/8/2021 8:25:00 AM	4/8/2021	4/22/2021
N044903-003D	G-2R-Q221	Groundwater	4/8/2021 8:25:00 AM	4/8/2021	4/22/2021
N044903-003E	G-2R-Q221	Groundwater	4/8/2021 8:25:00 AM	4/8/2021	4/22/2021
N044903-004A	EX-35-Q221	Groundwater	4/8/2021 8:45:00 AM	4/8/2021	4/22/2021
N044903-004B	EX-35-Q221	Groundwater	4/8/2021 8:45:00 AM	4/8/2021	4/22/2021
N044903-004C	EX-35-Q221	Groundwater	4/8/2021 8:45:00 AM	4/8/2021	4/22/2021
N044903-004D	EX-35-Q221	Groundwater	4/8/2021 8:45:00 AM	4/8/2021	4/22/2021
N044903-004E	EX-35-Q221	Groundwater	4/8/2021 8:45:00 AM	4/8/2021	4/22/2021
N044903-005A	MW-902-Q221	Groundwater	4/8/2021 8:55:00 AM	4/8/2021	4/22/2021
N044903-005B	MW-902-Q221	Groundwater	4/8/2021 8:55:00 AM	4/8/2021	4/22/2021
N044903-005C	MW-902-Q221	Groundwater	4/8/2021 8:55:00 AM	4/8/2021	4/22/2021
N044903-005D	MW-902-Q221	Groundwater	4/8/2021 8:55:00 AM	4/8/2021	4/22/2021
N044903-005E	MW-902-Q221	Groundwater	4/8/2021 8:55:00 AM	4/8/2021	4/22/2021
N044903-006A	EX-62-Q221	Groundwater	4/8/2021 12:20:00 PM	4/8/2021	4/22/2021
N044903-006B	EX-62-Q221	Groundwater	4/8/2021 12:20:00 PM	4/8/2021	4/22/2021
N044903-006C	EX-62-Q221	Groundwater	4/8/2021 12:20:00 PM	4/8/2021	4/22/2021
N044903-006D	EX-62-Q221	Groundwater	4/8/2021 12:20:00 PM	4/8/2021	4/22/2021
N044903-006E	EX-62-Q221	Groundwater	4/8/2021 12:20:00 PM	4/8/2021	4/22/2021
N044903-007A	Y-01-Q221	Groundwater	4/8/2021 11:05:00 AM	4/8/2021	4/22/2021

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044903
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044903-007B	Y-01-Q221	Groundwater	4/8/2021 11:05:00 AM	4/8/2021	4/22/2021
N044903-007C	Y-01-Q221	Groundwater	4/8/2021 11:05:00 AM	4/8/2021	4/22/2021
N044903-007D	Y-01-Q221	Groundwater	4/8/2021 11:05:00 AM	4/8/2021	4/22/2021
N044903-007E	Y-01-Q221	Groundwater	4/8/2021 11:05:00 AM	4/8/2021	4/22/2021
N044903-008A	Y-03-Q221	Groundwater	4/8/2021 11:30:00 AM	4/8/2021	4/22/2021
N044903-008B	Y-03-Q221	Groundwater	4/8/2021 11:30:00 AM	4/8/2021	4/22/2021
N044903-008C	Y-03-Q221	Groundwater	4/8/2021 11:30:00 AM	4/8/2021	4/22/2021
N044903-008D	Y-03-Q221	Groundwater	4/8/2021 11:30:00 AM	4/8/2021	4/22/2021
N044903-008E	Y-03-Q221	Groundwater	4/8/2021 11:30:00 AM	4/8/2021	4/22/2021
N044903-009A	YAU-Q221	Groundwater	4/8/2021 9:20:00 AM	4/8/2021	4/22/2021
N044903-009B	YAU-Q221	Groundwater	4/8/2021 9:20:00 AM	4/8/2021	4/22/2021
N044903-009C	YAU-Q221	Groundwater	4/8/2021 9:20:00 AM	4/8/2021	4/22/2021
N044903-009D	YAU-Q221	Groundwater	4/8/2021 9:20:00 AM	4/8/2021	4/22/2021
N044903-010A	MW-127S1-Q221	Groundwater	4/8/2021 1:31:00 PM	4/8/2021	4/22/2021
N044903-010B	MW-127S1-Q221	Groundwater	4/8/2021 1:31:00 PM	4/8/2021	4/22/2021
N044903-010C	MW-127S1-Q221	Groundwater	4/8/2021 1:31:00 PM	4/8/2021	4/22/2021
N044903-010D	MW-127S1-Q221	Groundwater	4/8/2021 1:31:00 PM	4/8/2021	4/22/2021
N044903-010E	MW-127S1-Q221	Groundwater	4/8/2021 1:31:00 PM	4/8/2021	4/22/2021
N044903-011A	MW-127S2-Q221	Groundwater	4/8/2021 12:53:00 PM	4/8/2021	4/22/2021
N044903-011B	MW-127S2-Q221	Groundwater	4/8/2021 12:53:00 PM	4/8/2021	4/22/2021
N044903-011C	MW-127S2-Q221	Groundwater	4/8/2021 12:53:00 PM	4/8/2021	4/22/2021
N044903-011D	MW-127S2-Q221	Groundwater	4/8/2021 12:53:00 PM	4/8/2021	4/22/2021
N044903-011E	MW-127S2-Q221	Groundwater	4/8/2021 12:53:00 PM	4/8/2021	4/22/2021
N044903-012A	C-02-Q221	Groundwater	4/8/2021 10:45:00 AM	4/8/2021	4/22/2021
N044903-012B	C-02-Q221	Groundwater	4/8/2021 10:45:00 AM	4/8/2021	4/22/2021
N044903-012C	C-02-Q221	Groundwater	4/8/2021 10:45:00 AM	4/8/2021	4/22/2021
N044903-012D	C-02-Q221	Groundwater	4/8/2021 10:45:00 AM	4/8/2021	4/22/2021
N044903-012E	C-02-Q221	Groundwater	4/8/2021 10:45:00 AM	4/8/2021	4/22/2021
N044903-013A	C-03-Q221	Groundwater	4/8/2021 10:20:00 AM	4/8/2021	4/22/2021
N044903-013B	C-03-Q221	Groundwater	4/8/2021 10:20:00 AM	4/8/2021	4/22/2021

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044903
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044903-013C	C-03-Q221	Groundwater	4/8/2021 10:20:00 AM	4/8/2021	4/22/2021
N044903-013D	C-03-Q221	Groundwater	4/8/2021 10:20:00 AM	4/8/2021	4/22/2021
N044903-013E	C-03-Q221	Groundwater	4/8/2021 10:20:00 AM	4/8/2021	4/22/2021
N044903-014A	RPVT-Q221	Groundwater	4/8/2021 3:00:00 PM	4/8/2021	4/22/2021
N044903-014B	RPVT-Q221	Groundwater	4/8/2021 3:00:00 PM	4/8/2021	4/22/2021
N044903-014C	RPVT-Q221	Groundwater	4/8/2021 3:00:00 PM	4/8/2021	4/22/2021
N044903-014D	RPVT-Q221	Groundwater	4/8/2021 3:00:00 PM	4/8/2021	4/22/2021
N044903-015A	EX-53-Q221	Groundwater	4/8/2021 2:20:00 PM	4/8/2021	4/22/2021
N044903-015B	EX-53-Q221	Groundwater	4/8/2021 2:20:00 PM	4/8/2021	4/22/2021
N044903-015C	EX-53-Q221	Groundwater	4/8/2021 2:20:00 PM	4/8/2021	4/22/2021
N044903-015D	EX-53-Q221	Groundwater	4/8/2021 2:20:00 PM	4/8/2021	4/22/2021
N044903-016A	EX-22-Q221	Groundwater	4/8/2021 3:10:00 PM	4/8/2021	4/22/2021
N044903-016B	EX-22-Q221	Groundwater	4/8/2021 3:10:00 PM	4/8/2021	4/22/2021
N044903-017A	EX-24-Q221	Groundwater	4/8/2021 2:51:00 PM	4/8/2021	4/22/2021
N044903-017B	EX-24-Q221	Groundwater	4/8/2021 2:51:00 PM	4/8/2021	4/22/2021
N044903-017C	EX-24-Q221	Groundwater	4/8/2021 2:51:00 PM	4/8/2021	4/22/2021
N044903-017D	EX-24-Q221	Groundwater	4/8/2021 2:51:00 PM	4/8/2021	4/22/2021
N044903-017E	EX-24-Q221	Groundwater	4/8/2021 2:51:00 PM	4/8/2021	4/22/2021
N044903-018A	EX-25-Q221	Groundwater	4/8/2021 9:45:00 AM	4/8/2021	4/22/2021
N044903-018B	EX-25-Q221	Groundwater	4/8/2021 9:45:00 AM	4/8/2021	4/22/2021
N044903-019A	EX-27-Q221	Groundwater	4/8/2021 12:50:00 PM	4/8/2021	4/22/2021
N044903-019B	EX-27-Q221	Groundwater	4/8/2021 12:50:00 PM	4/8/2021	4/22/2021
N044903-019C	EX-27-Q221	Groundwater	4/8/2021 12:50:00 PM	4/8/2021	4/22/2021
N044903-019D	EX-27-Q221	Groundwater	4/8/2021 12:50:00 PM	4/8/2021	4/22/2021
N044903-019E	EX-27-Q221	Groundwater	4/8/2021 12:50:00 PM	4/8/2021	4/22/2021
N044903-020A	MW-42B1-Q221	Groundwater	4/8/2021 10:35:00 AM	4/8/2021	4/22/2021
N044903-020B	MW-42B1-Q221	Groundwater	4/8/2021 10:35:00 AM	4/8/2021	4/22/2021
N044903-020C	MW-42B1-Q221	Groundwater	4/8/2021 10:35:00 AM	4/8/2021	4/22/2021
N044903-020D	MW-42B1-Q221	Groundwater	4/8/2021 10:35:00 AM	4/8/2021	4/22/2021
N044903-020E	MW-42B1-Q221	Groundwater	4/8/2021 10:35:00 AM	4/8/2021	4/22/2021

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044903
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044903-021A	MW-42B2-Q221	Groundwater	4/8/2021 11:22:00 AM	4/8/2021	4/22/2021
N044903-021B	MW-42B2-Q221	Groundwater	4/8/2021 11:22:00 AM	4/8/2021	4/22/2021
N044903-021C	MW-42B2-Q221	Groundwater	4/8/2021 11:22:00 AM	4/8/2021	4/22/2021
N044903-021D	MW-42B2-Q221	Groundwater	4/8/2021 11:22:00 AM	4/8/2021	4/22/2021
N044903-021E	MW-42B2-Q221	Groundwater	4/8/2021 11:22:00 AM	4/8/2021	4/22/2021
N044903-022A	MW-31-Q221	Groundwater	4/8/2021 2:49:00 PM	4/8/2021	4/22/2021
N044903-022B	MW-31-Q221	Groundwater	4/8/2021 2:49:00 PM	4/8/2021	4/22/2021
N044903-022C	MW-31-Q221	Groundwater	4/8/2021 2:49:00 PM	4/8/2021	4/22/2021
N044903-022D	MW-31-Q221	Groundwater	4/8/2021 2:49:00 PM	4/8/2021	4/22/2021
N044903-022E	MW-31-Q221	Groundwater	4/8/2021 2:49:00 PM	4/8/2021	4/22/2021
N044903-023A	MW-49A-Q221	Groundwater	4/8/2021 1:00:00 PM	4/8/2021	4/22/2021
N044903-023B	MW-49A-Q221	Groundwater	4/8/2021 1:00:00 PM	4/8/2021	4/22/2021
N044903-023C	MW-49A-Q221	Groundwater	4/8/2021 1:00:00 PM	4/8/2021	4/22/2021
N044903-023D	MW-49A-Q221	Groundwater	4/8/2021 1:00:00 PM	4/8/2021	4/22/2021
N044903-023E	MW-49A-Q221	Groundwater	4/8/2021 1:00:00 PM	4/8/2021	4/22/2021
N044903-024A	MW-49B-Q221	Groundwater	4/8/2021 1:49:00 PM	4/8/2021	4/22/2021
N044903-024B	MW-49B-Q221	Groundwater	4/8/2021 1:49:00 PM	4/8/2021	4/22/2021
N044903-024C	MW-49B-Q221	Groundwater	4/8/2021 1:49:00 PM	4/8/2021	4/22/2021
N044903-024D	MW-49B-Q221	Groundwater	4/8/2021 1:49:00 PM	4/8/2021	4/22/2021
N044903-024E	MW-49B-Q221	Groundwater	4/8/2021 1:49:00 PM	4/8/2021	4/22/2021
N044903-025A	EB-716-Q221	Groundwater	4/8/2021 3:00:00 PM	4/8/2021	4/22/2021
N044903-026A	EB-718-Q221	Groundwater	4/8/2021 3:30:00 PM	4/8/2021	4/22/2021

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-001

Client Sample ID: DVD-EPVT-Q221
Collection Date: 4/8/2021 1:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412C	QC Batch: 87044		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	2000	20	20		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-002

Client Sample ID: DVD-WPVT-Q221
Collection Date: 4/8/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412C	QC Batch: 87044		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	2200	25	25		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-003

Client Sample ID: G-2R-Q221
Collection Date: 4/8/2021 8:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
				SM2540C			
RunID: NV00922-WC_210412C	QC Batch: 87044		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	3900	33	33		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-004

Client Sample ID: EX-35-Q221
Collection Date: 4/8/2021 8:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210412C	QC Batch: 87044			PrepDate: 4/12/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	2700	25	25	mg/L	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-005

Client Sample ID: MW-902-Q221
Collection Date: 4/8/2021 8:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210412C	QC Batch: 87044			PrepDate: 4/12/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	2600	25	25	mg/L	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-006

Client Sample ID: EX-62-Q221
Collection Date: 4/8/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210412C	QC Batch: 87044			PrepDate: 4/12/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1400	17	17	mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-007

Client Sample ID: Y-01-Q221
Collection Date: 4/8/2021 11:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412D	QC Batch: 87045		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	3000	25	25		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-008

Client Sample ID: Y-03-Q221
Collection Date: 4/8/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412D	QC Batch: 87045		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	3600	33	33		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-009

Client Sample ID: YAU-Q221
Collection Date: 4/8/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412D	QC Batch: 87045		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	2400	25	25		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-010

Client Sample ID: MW-127S1-Q221
Collection Date: 4/8/2021 1:31:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412D	QC Batch: 87045		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	3900	33	33		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-011

Client Sample ID: MW-127S2-Q221
Collection Date: 4/8/2021 12:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210412D	QC Batch: 87045			PrepDate: 4/12/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3700	33	33	mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-012

Client Sample ID: C-02-Q221
Collection Date: 4/8/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
				SM2540C			
RunID: NV00922-WC_210412D	QC Batch: 87045		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	2500	25	25		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-013

Client Sample ID: C-03-Q221
Collection Date: 4/8/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210412D	QC Batch: 87045			PrepDate: 4/12/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	2800	25	25	mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-014

Client Sample ID: RPVT-Q221
Collection Date: 4/8/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412D	QC Batch: 87045		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	1500	17	17		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-015

Client Sample ID: EX-53-Q221
Collection Date: 4/8/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210412D	QC Batch: 87045		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	830	10	10		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-017

Client Sample ID: EX-24-Q221
Collection Date: 4/8/2021 2:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
				SM2540C			
RunID: NV00922-WC_210412D	QC Batch: 87045		PrepDate: 4/12/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	2900	25	25		mg/L	1	4/12/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-019

Client Sample ID: EX-27-Q221
Collection Date: 4/8/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1600	17	17	mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-020

Client Sample ID: MW-42B1-Q221
Collection Date: 4/8/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE

SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	2900	25	25	mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-021

Client Sample ID: MW-42B2-Q221
Collection Date: 4/8/2021 11:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE							
SM2540C							
RunID: NV00922-WC_210413D	QC Batch: 87054		PrepDate: 4/13/2021		Analyst: LR		
Total Dissolved Solids (Residue, Filterable)	3300	33	33		mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-022

Client Sample ID: MW-31-Q221
Collection Date: 4/8/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3000	25	25	mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-023

Client Sample ID: MW-49A-Q221
Collection Date: 4/8/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	940	10	10	mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-024

Client Sample ID: MW-49B-Q221
Collection Date: 4/8/2021 1:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1100	13	13	mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87044	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152009			
Client ID: LCSW	Batch ID: 87044	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171381			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filtera	965.000	10	1000	0	96.5	80	120					

Sample ID: MB-87044	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152009			
Client ID: PBW	Batch ID: 87044	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171382			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filtera	ND	10										

Sample ID: N044903-003CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152009			
Client ID: ZZZZZZ	Batch ID: 87044	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171390			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filtera	3893.333	33						3893	0	5		

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_2540C_W

Sample ID: LCS-87045	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152010			
Client ID: LCSW	Batch ID: 87045	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171394			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filtera		973.000	10	1000	0	97.3	80	120				

Sample ID: MB-87045	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152010			
Client ID: PBW	Batch ID: 87045	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171395			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filtera		ND	10									

Sample ID: N044903-010CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/12/2021			RunNo: 152010			
Client ID: ZZZZZZ	Batch ID: 87045	TestNo: SM2540C				Analysis Date: 4/12/2021			SeqNo: 4171400			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Dissolved Solids (Residue, Filtera		3753.333	33					3903	3.92	5		

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_2540C_W

Sample ID: LCS-87054	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/13/2021			RunNo: 152034		
Client ID: LCSW	Batch ID: 87054	TestNo: SM2540C				Analysis Date: 4/13/2021			SeqNo: 4172371		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera 973.000 10 1000 0 97.3 80 120

Sample ID: MB-87054	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/13/2021			RunNo: 152034		
Client ID: PBW	Batch ID: 87054	TestNo: SM2540C				Analysis Date: 4/13/2021			SeqNo: 4172372		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera ND 10

Sample ID: N044917-013CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/13/2021			RunNo: 152034		
Client ID: ZZZZZZ	Batch ID: 87054	TestNo: SM2540C				Analysis Date: 4/13/2021			SeqNo: 4172382		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera 4515.000 50 4695 3.91 5

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-001

Client Sample ID: DVD-EPVT-Q221
Collection Date: 4/8/2021 1:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	53	0.056	0.67		pCi/L	1	4/12/2021 10:56 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-002

Client Sample ID: DVD-WPVT-Q221
Collection Date: 4/8/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	51	0.056	0.67		pCi/L	1	4/12/2021 11:02 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-003

Client Sample ID: G-2R-Q221
Collection Date: 4/8/2021 8:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A **QC Batch:** 87010 **PrepDate:** 4/9/2021 **Analyst:** CEI
 Uranium 85 0.056 0.67 pCi/L 1 4/12/2021 11:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-004

Client Sample ID: EX-35-Q221
Collection Date: 4/8/2021 8:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	63	0.056	0.67		pCi/L	1	4/12/2021 11:49 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-005

Client Sample ID: MW-902-Q221
Collection Date: 4/8/2021 8:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	61	0.056	0.67		pCi/L	1	4/12/2021 11:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-006

Client Sample ID: EX-62-Q221
Collection Date: 4/8/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A **QC Batch:** 87010 **PrepDate:** 4/9/2021 **Analyst:** CEI
 Uranium 36 0.056 0.67 pCi/L 1 4/12/2021 12:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-007

Client Sample ID: Y-01-Q221
Collection Date: 4/8/2021 11:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	84	0.056	0.67	pCi/L	1	4/12/2021 12:07 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-008

Client Sample ID: Y-03-Q221
Collection Date: 4/8/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87010			PrepDate: 4/9/2021	Analyst: CEI
Uranium	67	0.056	0.67	pCi/L	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-009

Client Sample ID: YAU-Q221
Collection Date: 4/8/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A **QC Batch:** 87010 **PrepDate:** 4/9/2021 **Analyst:** CEI
 Uranium 57 0.056 0.67 pCi/L 1 4/12/2021 12:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-010

Client Sample ID: MW-127S1-Q221
Collection Date: 4/8/2021 1:31:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A **QC Batch:** 87010 **PrepDate:** 4/9/2021 **Analyst:** CEI
 Uranium 73 0.056 0.67 pCi/L 1 4/12/2021 12:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-011

Client Sample ID: MW-127S2-Q221
Collection Date: 4/8/2021 12:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A **QC Batch:** 87010 **PrepDate:** 4/9/2021 **Analyst:** CEI
 Uranium 57 0.056 0.67 pCi/L 1 4/12/2021 12:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-012

Client Sample ID: C-02-Q221
Collection Date: 4/8/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	59	0.056	0.67		pCi/L	1	4/12/2021 12:38 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-013

Client Sample ID: C-03-Q221
Collection Date: 4/8/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87010			PrepDate: 4/9/2021	Analyst: CEI
Uranium	60	0.056	0.67	pCi/L	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-014

Client Sample ID: RPVT-Q221
Collection Date: 4/8/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	34	0.056	0.67		pCi/L	1	4/12/2021 01:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-017

Client Sample ID: EX-24-Q221
Collection Date: 4/8/2021 2:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87010			PrepDate: 4/9/2021	Analyst: CEI
Uranium	55	0.056	0.67	pCi/L	1
					4/12/2021 01:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-019

Client Sample ID: EX-27-Q221
Collection Date: 4/8/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	42	0.056	0.67		pCi/L	1	4/12/2021 01:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-020

Client Sample ID: MW-42B1-Q221
Collection Date: 4/8/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87010			PrepDate: 4/9/2021	Analyst: CEI
Uranium	56	0.056	0.67	pCi/L	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-021

Client Sample ID: MW-42B2-Q221
Collection Date: 4/8/2021 11:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 200.8							
RunID: NV00922-ICP7_210412A	QC Batch: 87010		PrepDate: 4/9/2021		Analyst: CEI		
Uranium	66	0.056	0.67		pCi/L	1	4/12/2021 01:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-022

Client Sample ID: MW-31-Q221
Collection Date: 4/8/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87011			PrepDate: 4/9/2021	Analyst: CEI
Uranium	93	0.056	0.67	pCi/L	1
					4/12/2021 03:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-023

Client Sample ID: MW-49A-Q221
Collection Date: 4/8/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87011			PrepDate: 4/9/2021	Analyst: CEI
Uranium	34	0.056	0.67	pCi/L	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-024

Client Sample ID: MW-49B-Q221
Collection Date: 4/8/2021 1:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87011			PrepDate: 4/9/2021	Analyst: CEI
Uranium	30	0.056	0.67	pCi/L	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87010	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: PBW	Batch ID: 87010	TestNo: EPA 200.8			Analysis Date: 4/12/2021	SeqNo: 4171262						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	ND	0.67										

Sample ID: LCS-87010	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: LCSW	Batch ID: 87010	TestNo: EPA 200.8			Analysis Date: 4/12/2021	SeqNo: 4171263						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	7.016	0.67	6.700	0	105	85	115					

Sample ID: N044903-003EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8			Analysis Date: 4/12/2021	SeqNo: 4171271						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	89.552	0.67	6.700	84.95	68.7	75	125					

Sample ID: N044903-003EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8			Analysis Date: 4/12/2021	SeqNo: 4171274						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	88.374	0.67	6.700	84.95	51.1	75	125	89.55	1.32	20	S	

Sample ID: N044903-012EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007							
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8			Analysis Date: 4/12/2021	SeqNo: 4171288						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium	63.685	0.67	6.700	58.67	74.9	75	125					

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID: N044903-012EMSD	SampType: MSD	TestCode: 200.8DIS_U_ Units: pCi/L				Prep Date: 4/9/2021			RunNo: 152007		
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8				Analysis Date: 4/12/2021			SeqNo: 4171300		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	62.583	0.67	6.700	58.67	58.4	75	125	63.68	1.75	20	S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID: MB-87011	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007
Client ID: PBW	Batch ID: 87011	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171301
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Uranium ND 0.67

Sample ID: LCS-87011	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007
Client ID: LCSW	Batch ID: 87011	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171302
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Uranium 7.110 0.67 6.700 0 106 85 115

Sample ID: N044901-002A-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007
Client ID: ZZZZZZ	Batch ID: 87011	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171306
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Uranium 12.983 0.67 6.700 5.791 107 75 125

Sample ID: N044901-002A-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/9/2021	RunNo: 152007
Client ID: ZZZZZZ	Batch ID: 87011	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171307
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Uranium 13.026 0.67 6.700 5.791 108 75 125 12.98 0.331 20

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: N044903-003E-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:	RunNo: 152007						
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8	Analysis Date: 4/12/2021	SeqNo: 4171270							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	89.106	0.67	6.700	84.95	62.0	80	120				S

Sample ID: N044903-012E-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:	RunNo: 152007						
Client ID: ZZZZZZ	Batch ID: 87010	TestNo: EPA 200.8	Analysis Date: 4/12/2021	SeqNo: 4171287							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	62.707	0.67	6.700	58.67	60.3	80	120				S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID: N044901-002A-PS	SampType: PS	TestCode: 200.8DIS_U_ Units: pCi/L			Prep Date:				RunNo: 152007		
Client ID: ZZZZZZ	Batch ID: 87011	TestNo: EPA 200.8			Analysis Date: 4/12/2021				SeqNo: 4171305		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	12.809	0.67	6.700	5.791	105	80	120				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-001

Client Sample ID: DVD-EPVT-Q221
Collection Date: 4/8/2021 1:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	9.4	0.033	0.20		µg/L	1	4/9/2021 01:48 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	8.8	0.13	1.0		µg/L	1	4/10/2021 02:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-002

Client Sample ID: DVD-WPVT-Q221
Collection Date: 4/8/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.1	0.033	0.20		µg/L	1	4/9/2021 01:57 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210409A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	3.9	0.13	1.0		µg/L	1	4/10/2021 02:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-003

Client Sample ID: G-2R-Q221
Collection Date: 4/8/2021 8:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409A	QC Batch: R151964	PrepDate: Analyst: RAB					
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/9/2021 01:19 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210412A	QC Batch: 87005	PrepDate: 4/9/2021 Analyst: CEI					
Chromium	1.6	0.13	1.0		µg/L	1	4/12/2021 10:34 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-004

Client Sample ID: EX-35-Q221
Collection Date: 4/8/2021 8:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.6	0.033	0.20		µg/L	1	4/9/2021 02:07 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210412A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	3.8	0.13	1.0		µg/L	1	4/12/2021 11:04 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-005

Client Sample ID: MW-902-Q221
Collection Date: 4/8/2021 8:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.6	0.033	0.20		µg/L	1	4/9/2021 02:16 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210412A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	3.7	0.13	1.0		µg/L	1	4/12/2021 11:10 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-006

Client Sample ID: EX-62-Q221
Collection Date: 4/8/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.8	0.033	0.20		µg/L	1	4/9/2021 02:44 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210412A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	5.2	0.13	1.0		µg/L	1	4/12/2021 11:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-007

Client Sample ID: Y-01-Q221
Collection Date: 4/8/2021 11:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/9/2021 02:54 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210412A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.2	0.13	1.0		µg/L	1	4/12/2021 12:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-008

Client Sample ID: Y-03-Q221
Collection Date: 4/8/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/9/2021 03:03 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210412A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.0	0.13	1.0		µg/L	1	4/12/2021 12:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-009

Client Sample ID: YAU-Q221
Collection Date: 4/8/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.3	0.033	0.20		µg/L	1	4/9/2021 03:13 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210412A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	7.8	0.13	1.0		µg/L	1	4/12/2021 01:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-010

Client Sample ID: MW-127S1-Q221
Collection Date: 4/8/2021 1:31:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.3	0.033	0.20		µg/L	1	4/9/2021 03:22 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210412A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	4.8	0.13	1.0		µg/L	1	4/12/2021 01:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-011

Client Sample ID: MW-127S2-Q221
Collection Date: 4/8/2021 12:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409A	QC Batch: R151964		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/9/2021 03:32 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210412A	QC Batch: 87005		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.6	0.13	1.0		µg/L	1	4/12/2021 01:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-012

Client Sample ID: C-02-Q221
Collection Date: 4/8/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.0	0.033	0.20		µg/L	1	4/9/2021 04:00 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	3.9	0.13	1.0		µg/L	1	4/14/2021 01:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-013

Client Sample ID: C-03-Q221
Collection Date: 4/8/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.033	0.20		µg/L	1	4/9/2021 05:35 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.8	0.13	1.0		µg/L	1	4/14/2021 01:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-014

Client Sample ID: RPVT-Q221
Collection Date: 4/8/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	6.9	0.033	0.20		µg/L	1	4/9/2021 05:45 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	6.7	0.13	1.0		µg/L	1	4/14/2021 01:46 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-015

Client Sample ID: EX-53-Q221
Collection Date: 4/8/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	14	0.033	0.20		µg/L	1	4/9/2021 05:54 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	13	0.13	1.0		µg/L	1	4/14/2021 01:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-016

Client Sample ID: EX-22-Q221
Collection Date: 4/8/2021 3:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	25	0.17	1.0		µg/L	5	4/9/2021 06:04 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	27	0.13	1.0		µg/L	1	4/14/2021 02:09 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-017

Client Sample ID: EX-24-Q221
Collection Date: 4/8/2021 2:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.7	0.033	0.20		µg/L	1	4/9/2021 06:15 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	33	0.13	1.0		µg/L	1	4/14/2021 02:16 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-018

Client Sample ID: EX-25-Q221
Collection Date: 4/8/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.033	0.20		µg/L	1	4/9/2021 06:26 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/14/2021 02:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-019

Client Sample ID: EX-27-Q221
Collection Date: 4/8/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.9	0.033	0.20		µg/L	1	4/9/2021 06:54 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	3.8	0.13	1.0		µg/L	1	4/14/2021 02:28 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-020

Client Sample ID: MW-42B1-Q221
Collection Date: 4/8/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.6	0.033	0.20		µg/L	1	4/9/2021 07:04 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	4.7	0.13	1.0		µg/L	1	4/14/2021 02:34 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-021

Client Sample ID: MW-42B2-Q221
Collection Date: 4/8/2021 11:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.9	0.033	0.20		µg/L	1	4/9/2021 04:10 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	5.1	0.13	1.0		µg/L	1	4/14/2021 02:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-022

Client Sample ID: MW-31-Q221
Collection Date: 4/8/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/9/2021 07:13 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.5	0.13	1.0		µg/L	1	4/14/2021 02:46 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-023

Client Sample ID: MW-49A-Q221
Collection Date: 4/8/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	5.1	0.033	0.20		µg/L	1	4/9/2021 07:22 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	5.2	0.13	1.0		µg/L	1	4/14/2021 02:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-024

Client Sample ID: MW-49B-Q221
Collection Date: 4/8/2021 1:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210409B	QC Batch: R151966		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/9/2021 07:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87006		PrepDate: 4/9/2021		Analyst: CEI		
Chromium	2.7	0.13	1.0		µg/L	1	4/14/2021 02:58 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-025

Client Sample ID: EB-716-Q221
Collection Date: 4/8/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/9/2021 11:55 AM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409B	QC Batch: R151966			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/9/2021 07:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-026

Client Sample ID: EB-718-Q221
Collection Date: 4/8/2021 3:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210409A	QC Batch: R151963			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/9/2021 12:25 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210409B	QC Batch: R151966			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/9/2021 07:51 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPG**

Sample ID: MB-R151963	SampType: MBLK	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963			
Client ID: PBW	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169218			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	ND	0.060										

Sample ID: LCS-R151963	SampType: LCS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963			
Client ID: LCSW	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169219			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	0.214	0.060	0.2000	0	107	90	110					

Sample ID: N044889-004AMS	SampType: MS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963			
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169221			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	0.355	0.060	0.2000	0.1650	94.8	90	110					

Sample ID: N044889-004AMSD	SampType: MSD	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963			
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169222			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	0.352	0.060	0.2000	0.1650	93.5	90	110	0.3545	0.708	20		

Sample ID: N044846-001ADUP	SampType: DUP	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963			
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169224			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	0.029	0.060						0.02820	0	20		

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_W_LLPG

Sample ID: N044847-010AMS	SampType: MS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963		
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169230		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.216	0.060	0.2000	0	108	90	110				
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Sample ID: N044847-012AMS	SampType: MS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963		
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169233		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.242	0.060	0.2000	0.03930	102	90	110				
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Sample ID: N044847-008AMS	SampType: MS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963		
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169234		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.219	0.060	0.2000	0	109	90	110				
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Sample ID: N044847-009AMS	SampType: MS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963		
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169235		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.217	0.060	0.2000	0	109	90	110				
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Sample ID: N044847-011AMS	SampType: MS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 151963		
Client ID: ZZZZZZ	Batch ID: R151963	TestNo: EPA 218.6				Analysis Date: 4/9/2021			SeqNo: 4169240		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.213	0.060	0.2000	0	106	90	110				
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: MB-R151964	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: PBW	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169299
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R151964	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: LCSW	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169300
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 5.055 0.20 5.000 0 101 90 110

Sample ID: N044902-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169302
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 3.222 0.20 1.000 2.149 107 90 110

Sample ID: N044902-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169303
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 1.437 0.20 1.000 0.3833 105 90 110

Sample ID: N044902-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021	SeqNo: 4169305
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 2.454 0.20 1.000 1.405 105 90 110

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044902-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169307	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.217	0.20	1.000	2.171	105 90 110

Sample ID: N044902-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169311	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.881	0.20	1.000	1.886	99.6 90 110

Sample ID: N044892-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169317	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	674.735	10	250.0	414.8	104 90 110

Sample ID: N044902-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169318	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.223	0.20	1.000	2.171	105 90 110 3.217 0.193 20

Sample ID: N044902-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169322	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.067	0.20			2.149 3.91 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044902-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151964						
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169323							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.916	0.20	1.000	0.8998	102	90	110				
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Sample ID: N044903-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 151964			
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021				SeqNo: 4169325			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.691	0.20	1.000	1.631	106	90	110				
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Sample ID: N044903-003AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 151964			
Client ID: ZZZZZZ	Batch ID: R151964	TestNo: EPA 218.6		Analysis Date: 4/9/2021				SeqNo: 4169326			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.678	0.20	1.000	1.631	105	90	110	2.691	0.510	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R151966	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: LCSW	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169397	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 5.003 0.20 5.000 0 100 90 110

Sample ID: MB-R151966	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: PBW	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169398	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID: N044903-012AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: ZZZZZZ	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169403	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 9.229 0.20 5.000 4.034 104 90 110

Sample ID: N044903-012AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: ZZZZZZ	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169404	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 9.262 0.20 5.000 4.034 105 90 110 9.229 0.355 20

Sample ID: N044903-021AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966
Client ID: ZZZZZZ	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169405	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 10.219 0.20 5.000 4.940 106 90 110

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044903-021ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 151966						
Client ID: ZZZZZZ	Batch ID: R151966	TestNo: EPA 218.6	Analysis Date: 4/9/2021	SeqNo: 4169406							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.883	0.20						4.940	1.16	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87005	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014
Client ID: PBW	Batch ID: 87005	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/10/2021	SeqNo: 4171616
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87005	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152014
Client ID: LCSW	Batch ID: 87005	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/10/2021	SeqNo: 4171617
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.696 1.0 10.00 0 97.0 85 115

Sample ID: N044903-003EMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152030
Client ID: ZZZZZZ	Batch ID: 87005	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/12/2021	SeqNo: 4172147
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.864 1.0 10.00 1.595 92.7 75 125

Sample ID: N044903-003EMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152030
Client ID: ZZZZZZ	Batch ID: 87005	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/12/2021	SeqNo: 4172148
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.853 1.0 10.00 1.595 92.6 75 125 10.86 0.101 20

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87006	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152031
Client ID: PBW	Batch ID: 87006	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/14/2021	SeqNo: 4172169
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87006	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152031
Client ID: LCSW	Batch ID: 87006	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/14/2021	SeqNo: 4172170
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.004 1.0 10.00 0 100 85 115

Sample ID: N044903-012EMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152031
Client ID: ZZZZZZ	Batch ID: 87006	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/14/2021	SeqNo: 4172174
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.244 1.0 10.00 3.945 93.0 75 125

Sample ID: N044903-012EMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152031
Client ID: ZZZZZZ	Batch ID: 87006	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/14/2021	SeqNo: 4172175
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.267 1.0 10.00 3.945 93.2 75 125 13.24 0.174 20

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-001

Client Sample ID: DVD-EPVT-Q221
Collection Date: 4/8/2021 1:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971	PrepDate:	Analyst: RAB
Nitrate as N	17 0.087 0.50	mg/L	10 4/9/2021 09:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-002

Client Sample ID: DVD-WPVT-Q221
Collection Date: 4/8/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971			PrepDate:		Analyst: RAB
Nitrate as N	17	0.17	1.0	mg/L	20	4/9/2021 10:12 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-003

Client Sample ID: G-2R-Q221
Collection Date: 4/8/2021 8:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971			PrepDate:		Analyst: RAB
Nitrate as N	21	0.44	2.5	mg/L	50	4/9/2021 09:24 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-004

Client Sample ID: EX-35-Q221
Collection Date: 4/8/2021 8:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971			PrepDate:		Analyst: RAB
Nitrate as N	13	0.17	1.0	mg/L	20	4/9/2021 10:28 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-005

Client Sample ID: MW-902-Q221
Collection Date: 4/8/2021 8:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971			PrepDate:		Analyst: RAB
Nitrate as N	13	0.17	1.0	mg/L	20	4/9/2021 10:43 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-006

Client Sample ID: EX-62-Q221
Collection Date: 4/8/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A **QC Batch:** R151971 **PrepDate:** **Analyst:** RAB
 Nitrate as N 11 0.17 1.0 mg/L 20 4/9/2021 04:35 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-007

Client Sample ID: Y-01-Q221
Collection Date: 4/8/2021 11:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971			PrepDate:		Analyst: RAB
Nitrate as N	39	0.44	2.5	mg/L	50	4/9/2021 11:14 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-008

Client Sample ID: Y-03-Q221
Collection Date: 4/8/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971	PrepDate:	Analyst: RAB
Nitrate as N	47 0.44	2.5 mg/L	50 4/9/2021 12:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-009

Client Sample ID: YAU-Q221
Collection Date: 4/8/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A **QC Batch:** R151971 **PrepDate:** **Analyst:** RAB
 Nitrate as N 19 0.087 0.50 mg/L 10 4/9/2021 12:15 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-010

Client Sample ID: MW-127S1-Q221
Collection Date: 4/8/2021 1:31:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971			PrepDate:		Analyst: RAB
Nitrate as N	34	0.17	1.0	mg/L	20	4/9/2021 12:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-011

Client Sample ID: MW-127S2-Q221
Collection Date: 4/8/2021 12:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A **QC Batch:** R151971 **PrepDate:** **Analyst:** RAB
 Nitrate as N 28 0.17 1.0 mg/L 20 4/9/2021 12:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-012

Client Sample ID: C-02-Q221
Collection Date: 4/8/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971	PrepDate:	Analyst: RAB
Nitrate as N	40 0.44	2.5 mg/L	50 4/9/2021 09:39 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-013

Client Sample ID: C-03-Q221
Collection Date: 4/8/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971	PrepDate:	Analyst: RAB
Nitrate as N	30 0.17 1.0	mg/L	20 4/9/2021 01:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-014

Client Sample ID: RPVT-Q221
Collection Date: 4/8/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971	PrepDate:	Analyst: RAB
Nitrate as N	15 0.087 0.50	mg/L	10 4/9/2021 01:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-015

Client Sample ID: EX-53-Q221
Collection Date: 4/8/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971	PrepDate:	Analyst: RAB
Nitrate as N	4.6 0.044 0.25	mg/L	5 4/9/2021 01:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-017

Client Sample ID: EX-24-Q221
Collection Date: 4/8/2021 2:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971			PrepDate:		Analyst: RAB
Nitrate as N	23	0.17	1.0	mg/L	20	4/9/2021 01:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-019

Client Sample ID: EX-27-Q221
Collection Date: 4/8/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A **QC Batch:** R151971 **PrepDate:** **Analyst:** RAB
 Nitrate as N 16 0.087 0.50 mg/L 10 4/9/2021 02:02 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-020

Client Sample ID: MW-42B1-Q221
Collection Date: 4/8/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971	PrepDate:	Analyst: RAB
Nitrate as N	15 0.087 0.50	mg/L	10 4/9/2021 02:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-021

Client Sample ID: MW-42B2-Q221
Collection Date: 4/8/2021 11:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409A **QC Batch:** R151971 **PrepDate:** **Analyst:** RAB
 Nitrate as N 14 0.087 0.50 mg/L 10 4/9/2021 03:03 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-022

Client Sample ID: MW-31-Q221
Collection Date: 4/8/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409B	QC Batch: R151972	PrepDate:	Analyst: RAB
Nitrate as N	11 0.17 1.0	mg/L	20 4/9/2021 06:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-023

Client Sample ID: MW-49A-Q221
Collection Date: 4/8/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210409B	QC Batch: R151972	PrepDate:	Analyst: RAB
Nitrate as N	13 0.087 0.50	mg/L	10 4/9/2021 07:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-024

Client Sample ID: MW-49B-Q221
Collection Date: 4/8/2021 1:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210409A	QC Batch: R151971	PrepDate:	Analyst: RAB
Nitrate as N	18 0.087 0.50	mg/L	10 4/9/2021 03:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID: MB-R151971_NO3	SampType: MBLK	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 151971
Client ID: PBW	Batch ID: R151971	TestNo: EPA 300.0	Analysis Date: 4/9/2021	SeqNo: 4172905	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	0.022	0.050			

Sample ID: LCS-R151971_NO3	SampType: LCS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 151971
Client ID: LCSW	Batch ID: R151971	TestNo: EPA 300.0	Analysis Date: 4/9/2021	SeqNo: 4172906	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	1.255	0.050	1.250	0	100 90 110

Sample ID: N044903-003BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 151971
Client ID: ZZZZZZ	Batch ID: R151971	TestNo: EPA 300.0	Analysis Date: 4/9/2021	SeqNo: 4172930	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	82.830	2.5	62.50	20.91	99.1 80 120

Sample ID: N044903-003BMSD	SampType: MSD	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 151971
Client ID: ZZZZZZ	Batch ID: R151971	TestNo: EPA 300.0	Analysis Date: 4/9/2021	SeqNo: 4172931	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	82.805	2.5	62.50	20.91	99.0 80 120 82.83 0.0302 20

Sample ID: N044903-012BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 151971
Client ID: ZZZZZZ	Batch ID: R151971	TestNo: EPA 300.0	Analysis Date: 4/9/2021	SeqNo: 4172932	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	101.855	2.5	62.50	39.94	99.1 80 120

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N044903-012BMSD	SampType: MSD	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151971		
Client ID: ZZZZZZ	Batch ID: R151971	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4172933		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	100.970	2.5	62.50	39.94	97.6	80	120	101.9	0.873	20	

Sample ID: N044903-006BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151971		
Client ID: ZZZZZZ	Batch ID: R151971	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4172935		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	36.422	1.0	25.00	11.21	101	80	120				

Sample ID: N044903-006BDUP	SampType: DUP	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151971		
Client ID: ZZZZZZ	Batch ID: R151971	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4172936		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	11.212	1.0						11.21	0.0178	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: LCS-R151972_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: LCSW	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173022		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.226	0.050	1.250	0	98.1	90	110				
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Sample ID: MB-R151972_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: PBW	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173025		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	ND	0.050									
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Sample ID: N044903-022BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: ZZZZZZ	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173027		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	35.476	1.0	25.00	10.76	98.9	80	120				
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Sample ID: N044903-022BMDS	SampType: MSD	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: ZZZZZZ	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173028		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	35.752	1.0	25.00	10.76	100	80	120	35.48	0.775	20	
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Sample ID: N044903-023BDUP	SampType: DUP	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 151972		
Client ID: ZZZZZZ	Batch ID: R151972	TestNo: EPA 300.0				Analysis Date: 4/9/2021			SeqNo: 4173030		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	12.691	0.50						12.69	0	20	
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Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-015

Client Sample ID: EX-53-Q221
Collection Date: 4/8/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	130	18	20		ug/L	1	4/20/2021 10:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87066	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: PBW	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179580	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS-87066	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: LCSW	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179581	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	89.270	20	100.0	0	89.3 85 115

Sample ID: N044903-015D-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179585	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	119.297	20	100.0	127.6	-8.33 75 125 S

Sample ID: N044903-015D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179586	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	223.889	20	100.0	127.6	96.3 75 125 119.3 61.0 20 R

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N044903-015D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179584						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	185.139	20	100.0	127.6	57.5	80	120				S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044903
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044903-015

Client Sample ID: EX-53-Q221
Collection Date: 4/8/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210414B	QC Batch: 87006			PrepDate:	4/9/2021	Analyst: CEI	
Arsenic	0.41	0.081	0.10		µg/L	1	4/14/2021 01:27 PM
Manganese	ND	0.26	0.50		µg/L	1	4/14/2021 01:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044903
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87006	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152031						
Client ID: PBW	Batch ID: 87006	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/14/2021	SeqNo: 4172259						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.10									
Manganese	ND	0.50									

Sample ID: LCS-87006	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152031						
Client ID: LCSW	Batch ID: 87006	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/14/2021	SeqNo: 4172260						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	10.074	0.10	10.00	0	101	85	115				
Manganese	102.138	0.50	100.0	0	102	85	115				

Sample ID: N044903-012EMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152031						
Client ID: ZZZZZZ	Batch ID: 87006	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/14/2021	SeqNo: 4172264						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	10.376	0.10	10.00	0	104	75	125				
Manganese	92.773	0.50	100.0	0	92.8	75	125				

Sample ID: N044903-012EMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/9/2021	RunNo: 152031						
Client ID: ZZZZZZ	Batch ID: 87006	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/14/2021	SeqNo: 4172265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	10.235	0.10	10.00	0	102	75	125	10.38	1.37	20	
Manganese	92.357	0.50	100.0	0	92.4	75	125	92.77	0.450	20	

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference



1 of 2

Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691

California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

6. Method of Cooling: Ice

2.4°C	1.1°C	2.6°C	1.2°C
1.8°C	1.7°C	ASSEP	
Tracking No.:			

[illegible]



Price

2

of

4

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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 885 3168 Fax: Submitted By: <i>Adam Plun</i> Title: <i>Flood Test</i> Signature: <i>[Signature]</i> Date: <i>4/8/21</i> <small>I hereby authorize ASSET Labs to perform the tests indicated below.</small> Project Name: PG&E Hinkey - ATU Project Number: 30046045		Company: Arcadis Email: tonya.russell@arcadis.com daniel.moore@critigen.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 885 3168 Fax:		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Address: Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577 P.O.# Fax:		EDD Requirement: Excel EDD Geotracker Labspec Others: <input checked="" type="checkbox"/> Specify: EQ EDD Global ID:		QA/QC: RTNE RWQCB CalTrans LEVEL III LEVEL IV <input checked="" type="checkbox"/> Regulatory Specify State:		Sample Receipt Condition: 1. Chilled <input checked="" type="checkbox"/> 2. Headspace <input checked="" type="checkbox"/> 3. Container Intact <input checked="" type="checkbox"/> 4. Seal Present <input checked="" type="checkbox"/> 5. IR number <i>2</i> 6. Method of Cooling: <i>ICE</i> <i>2.6°C/2.5°C/2.2°C</i> Sample Temp: <i>3.1°C</i> Courier: <i>1.8°C/1.7°C ASSC</i> Tracking No.:	
Matrix Ground-water <input checked="" type="checkbox"/> Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Soil <input type="checkbox"/> NPDES <input type="checkbox"/> Other Solid <input type="checkbox"/> Surface <input type="checkbox"/>		Matrix x Sediment Potable NPDES Surface		Cr(VI) (E218.6) (NH4)2, SO4, NH4, OH, 4°C, 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E800); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3x40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDS) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly		TPH-D (8018B) 3x1 Liter Amber Glass, 4°C TPH-D (8018B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8018B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8018B) Silica Gel Cleanup, 3 x 1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3x40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time No. of Container		Remarks	
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others						
	N044903-12	C-02-Q221	4/8/2021	1045		X	X				
	-13	C-03-Q221	4/8/2021	1020		X	X				
	-14	RPVT-Q221	4/8/2021	1500		X	X				
	-15	EX-53-Q221	4/8/2021	1420		X	X				
	-16	EX-22-Q221	4/8/2021	1510		X					
	-17	EX-24-Q221	4/8/2021	1451		X	X				
	-18	EX-25-Q221	4/8/2021	0945		X					
	-19	EX-27-Q221	4/8/2021	1250		X	X				
	-20	MW-42B1-Q221	4/8/2021	1035		X	X				
	-21	MW-42B2-Q221	4/8/2021	1122		X	X				
	-22	MW-31-Q221	4/8/2021	1449		X	X				
Relinquished by (Signature and Printed Name): <i>R. Riggie Top</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: <i>4/8/21 1555</i>											



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Page 3 of 3

Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: Submitted By: Andrew Phan Title: Field Tech Signature: [Signature] Date: 4/10/21 <small>I hereby authorize ASSET Labs to perform the tests indicated below.</small> Project Name: PG&E Hinkley - ATU Project Number: 30046045		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax:		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577 Fax:		EDD Requirement: Excel EDD GeoTracker LabSpec Others: <input checked="" type="checkbox"/>		QA/QC: RTNE RWQCB CalTrans LEVEL III LEVEL IV <input checked="" type="checkbox"/> Regulatory Specify State:		Sample Receipt Condition: 1. Chilled <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N 2. Headspace <input checked="" type="checkbox"/> 3. Container Intact <input checked="" type="checkbox"/> 4. Seal Present <input checked="" type="checkbox"/> 5. IR number 2 6. Method of Cooling: ICE Sample Temp: 26°C/2.5°C/2.4°C 1.7°C Courier: ASSET Tracking No.:	
Matrix: Ground-water <input checked="" type="checkbox"/> Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Soil <input type="checkbox"/> NPDES <input type="checkbox"/> Other Solid <input type="checkbox"/> Surface <input type="checkbox"/>		Sampled By: R. Spivey <small>I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.</small> Signature: [Signature] Date: 4/8/21		Sample Date: Sample Time: Others:		CR(VI) (E218.0) NH42, SO4, NH4, Cl, 4°C; 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As: HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDBs) Fe: HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn: HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr: HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time (TAT): <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction:	
Item No. Laboratory Work Order No. Sample ID/Location		Sample Date Sample Time Others		Remarks		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pin J=Jar B=Teclar G=Glass M=Metal M=Metal C=Can			
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/8/21 1555 Relinquished by (Signature and Printed Name): JORDAN LG 4/8/21 1841 Relinquished by (Signature and Printed Name):		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/8/21 1555 Relinquished by (Signature and Printed Name): JORDAN LG 4/8/21 1841 Relinquished by (Signature and Printed Name):		Relinquished by (Signature and Printed Name):		Relinquished by (Signature and Printed Name):		Relinquished by (Signature and Printed Name):			
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs ~200% Next Day~100% 2 Workdays~50% 3 Workdays~35% 4 Workdays~20% 3. Custom EDO formats will be an additional 25% of the total project price. 4. Add 10% surcharge for 1 and 11 Data Packages, 15% for 12 and 13 Data Packages. Surcharges applied on total.		5. Trip Blank and Equipment Blank are blank sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are not 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For submittal analysis, TAT and Surcharges will vary.		Relinquished by (Signature and Printed Name):		Relinquished by (Signature and Printed Name):		Relinquished by (Signature and Printed Name):			

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/8/2021 Workorder: N044903
 Rep sample Temp (Deg C): 2.6/2.5/2.4/3.1/2.6/1.2/1.8/1.7 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Was Client notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>

Comments: See Correspondence.

Checklist Completed By: YR

YR

4/14/2021

Reviewed By:

ABC

4/14/2021

Subject: RE: PG&E Hinkley - ATU, 30046045 (ASSET Labs No. N044903)
From: "Madsen, Laura" <Laura.Madsen@arcadis.com>
Date: 4/14/2021, 8:43 AM
To: Yoandra Rodriguez <yoandra@assetlaboratories.com>
CC: Tina Rice <Tina.Rice@critigen.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>, "rustico.aquino@assetlaboratoriesph.com" <rustico.aquino@assetlaboratoriesph.com>

Hi,
EB-718 should have a date of 4/8/2021

Thanks,
Laura

From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Sent: Wednesday, April 14, 2021 10:40 AM
To: Madsen, Laura <Laura.Madsen@arcadis.com>
Cc: Tina Rice <Tina.Rice@critigen.com>; maryann.balilu@assetlaboratoriesph.com; rustico.aquino@assetlaboratoriesph.com
Subject: PG&E Hinkley - ATU, 30046045 (ASSET Labs No. N044903)

Hi Laura,

Please kindly advise on the following issue for the attached COC:

- Sample 26 (EB-718-Q221): Collection date is 4/9/2021 on COC and 4/8/2021 on label.

--

Thanks,

Yoandra Rodriguez

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
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ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-001A	DVD-EPVT-Q221	4/8/2021 1:55:00 PM	4/22/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-001B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-001C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-001D			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-002A	DVD-WPVT-Q221	4/8/2021 1:25:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-002B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-002C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-002D			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-003A	G-2R-Q221	4/8/2021 8:25:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044903-003B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044903-003C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044903-003D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-003E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-003E	G-2R-Q221	4/8/2021 8:25:00 AM	4/22/2021	Groundwater	EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044903-004A	EX-35-Q221	4/8/2021 8:45:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-004B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-004C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-004D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-004E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-005A	MW-902-Q221	4/8/2021 8:55:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-005B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-005C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-005D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-005E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-006A	EX-62-Q221	4/8/2021 12:20:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-006B	EX-62-Q221	4/8/2021 12:20:00 PM	4/22/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-006C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-006D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-006E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-007A	Y-01-Q221	4/8/2021 11:05:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-007B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-007C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-007D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-007E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-008A	Y-03-Q221	4/8/2021 11:30:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-008B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-008C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-008D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-008E	Y-03-Q221	4/8/2021 11:30:00 AM	4/22/2021	Groundwater		AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-009A	YAU-Q221	4/8/2021 9:20:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-009B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-009C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-009D			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-010A	MW-127S1-Q221	4/8/2021 1:31:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-010B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-010C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-010D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-010E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-011A	MW-127S2-Q221	4/8/2021 12:53:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-011B	MW-127S2-Q221	4/8/2021 12:53:00 PM	4/22/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-011C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-011D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-011E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-012A	C-02-Q221	4/8/2021 10:45:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044903-012B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044903-012C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044903-012D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-012E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044903-013A	C-03-Q221	4/8/2021 10:20:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-013B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-013C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-013D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-013E	C-03-Q221	4/8/2021 10:20:00 AM	4/22/2021	Groundwater		AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-014A	RPVT-Q221	4/8/2021 3:00:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-014B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-014C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-014D			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-015A	EX-53-Q221	4/8/2021 2:20:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-015B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-015C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-015D			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-016A	EX-22-Q221	4/8/2021 3:10:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-016B	EX-22-Q221	4/8/2021 3:10:00 PM	4/22/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-017A	EX-24-Q221	4/8/2021 2:51:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-017B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-017C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-017D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-017E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-018A	EX-25-Q221	4/8/2021 9:45:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-018B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-019A	EX-27-Q221	4/8/2021 12:50:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-019B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-019C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-019D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-019E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

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WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-019E	EX-27-Q221	4/8/2021 12:50:00 PM	4/22/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-020A	MW-42B1-Q221	4/8/2021 10:35:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-020B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-020C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-020D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-020E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-021A	MW-42B2-Q221	4/8/2021 11:22:00 AM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-021B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-021C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-021D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-021E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-022A	MW-31-Q221	4/8/2021 2:49:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-022B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-022C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-022C	MW-31-Q221	4/8/2021 2:49:00 PM	4/22/2021	Groundwater		Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-022D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-022E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-023A	MW-49A-Q221	4/8/2021 1:00:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-023B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-023C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-023D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-023E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-024A	MW-49B-Q221	4/8/2021 1:49:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-024B			4/22/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-024C			4/22/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-024D			4/22/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044903-024E			4/22/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044903

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/8/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044903-024E	MW-49B-Q221	4/8/2021 1:49:00 PM	4/22/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-025A	EB-716-Q221	4/8/2021 3:00:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC (Low Level)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-026A	EB-718-Q221	4/8/2021 3:30:00 PM	4/22/2021		EPA 218.6	Hexavalent Chromium by IC (Low Level)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044903-027A	FOLDER	4/22/2021	4/22/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			4/22/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			4/22/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Riggie Tep

12-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044903-003D / G-2R-Q221	Groundwater	4/8/2021 8:25:00 AM	32OZP	1	(MS/MSD)	
N044903-004D / EX-35-Q221	Groundwater	4/8/2021 8:45:00 AM	32OZP	1		
N044903-005D / MW-902-Q221	Groundwater	4/8/2021 8:55:00 AM	32OZP	1		
N044903-006D / EX-62-Q221	Groundwater	4/8/2021 12:20:00 PM	32OZP	1		
N044903-007D / Y-01-Q221	Groundwater	4/8/2021 11:05:00 AM	32OZP	1		
N044903-008D / Y-03-Q221	Groundwater	4/8/2021 11:30:00 AM	32OZP	1		
N044903-010D / MW-127S1-Q221	Groundwater	4/8/2021 1:31:00 PM	32OZP	1		
N044903-011D / MW-127S2-Q221	Groundwater	4/8/2021 12:53:00 PM	32OZP	1		
N044903-012D / C-02-Q221	Groundwater	4/8/2021 10:45:00 AM	32OZP	1	(MS/MSD)	
N044903-013D / C-03-Q221	Groundwater	4/8/2021 10:20:00 AM	32OZP	1		
N044903-017D / EX-24-Q221	Groundwater	4/8/2021 2:51:00 PM	32OZP	1		
N044903-019D / EX-27-Q221	Groundwater	4/8/2021 12:50:00 PM	32OZP	1		
N044903-020D / MW-42B1-Q221	Groundwater	4/8/2021 10:35:00 AM	32OZP	1		
N044903-021D / MW-42B2-Q221	Groundwater	4/8/2021 11:22:00 AM	32OZP	1		
N044903-022D / MW-31-Q221	Groundwater	4/8/2021 2:49:00 PM	32OZP	1		
N044903-023D / MW-49A-Q221	Groundwater	4/8/2021 1:00:00 PM	32OZP	1		
N044903-024D / MW-49B-Q221	Groundwater	4/8/2021 1:49:00 PM	32OZP	1		


Please run MS/MSD on samples N044903-003D / G-2R-Q221 and N044903-012D / C-02-Q221

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#: N44903A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773419413244 / 773419413690

		Date/Time			Date/Time
Relinquished by:		4/12/2021 1158	Received by:		
Relinquished by:			Received by:		

April 23, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044916

RE: PG&E Hinkley - GMP, 30046045

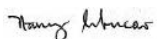
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 09, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044916

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.1 ug/L) and hexavalent chromium (0 ug/L) for sample N044916-003 (MW-21C-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.1 ug/L) and hexavalent chromium (0 ug/L) for sample N044916-003 (MW-21C-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.1 and 0.08 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N044916**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044916-001A	MW-68C-Q221	Groundwater	4/9/2021 9:24:00 AM	4/9/2021	4/23/2021
N044916-001B	MW-68C-Q221	Groundwater	4/9/2021 9:24:00 AM	4/9/2021	4/23/2021
N044916-002A	MW-55C-Q221	Groundwater	4/9/2021 9:41:00 AM	4/9/2021	4/23/2021
N044916-002B	MW-55C-Q221	Groundwater	4/9/2021 9:41:00 AM	4/9/2021	4/23/2021
N044916-003A	MW-21C-Q221	Groundwater	4/9/2021 8:37:00 AM	4/9/2021	4/23/2021
N044916-003B	MW-21C-Q221	Groundwater	4/9/2021 8:37:00 AM	4/9/2021	4/23/2021
N044916-004A	EB-719-Q221	Groundwater	4/9/2021 10:39:00 AM	4/9/2021	4/23/2021
N044916-005A	EB-723-Q221	Groundwater	4/9/2021 11:00:00 AM	4/9/2021	4/23/2021

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044916
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044916-001

Client Sample ID: MW-68C-Q221
Collection Date: 4/9/2021 9:24:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 12:23 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87024		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/14/2021 04:14 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044916
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044916-002

Client Sample ID: MW-55C-Q221
Collection Date: 4/9/2021 9:41:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 12:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210413B	QC Batch: 87024			PrepDate:	4/10/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/14/2021 04:44 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044916
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044916-003

Client Sample ID: MW-21C-Q221
Collection Date: 4/9/2021 8:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 12:41 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87024		PrepDate:		Analyst: CEI		
Chromium	1.1	0.13	1.0		µg/L	1	4/14/2021 04:50 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044916
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044916-004

Client Sample ID: EB-719-Q221
Collection Date: 4/9/2021 10:39:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 12:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044916
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044916-005

Client Sample ID: EB-723-Q221
Collection Date: 4/9/2021 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210412A	QC Batch: R152012	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/12/2021 01:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044916
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R152012	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: PBW	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171417
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R152012	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: LCSW	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171418
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.004	0.20	5.000	0	100 90 110

Sample ID N044922-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: ZZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171420
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.528	0.20	1.000	0.5186	101 90 110

Sample ID N044922-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: ZZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171422
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.551	0.20	1.000	1.515	104 90 110

Sample ID N044922-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: ZZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171424
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.116	0.20	1.000	1.083	103 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044916
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044922-004AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012		
Client ID:	ZZZZZZ	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171426		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.092	0.20	1.000	1.080	101	90	110				
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Sample ID	N044922-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012					
Client ID:	ZZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171429					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.542	0.20	1.000	0.5186	102	90	110	1.528	0.899	20	
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Sample ID	N044917-003ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012		
Client ID:	ZZZZZZ	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171448		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.300	0.20						1.293	0.571	20	
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044916
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87024	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/10/2021	RunNo:	152031		
Client ID:	PBW	Batch ID:	87024	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/14/2021	SeqNo:	4172190		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID	LCS-87024	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/10/2021	RunNo:	152031		
Client ID:	LCSW	Batch ID:	87024	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/14/2021	SeqNo:	4172193		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.093 1.0 10.00 0 101 85 115

Sample ID	N044922-001B-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/10/2021	RunNo:	152031		
Client ID:	ZZZZZZ	Batch ID:	87024	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/14/2021	SeqNo:	4172197		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.417 1.0 10.00 0.5752 98.4 75 125

Sample ID	N044922-001B-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/10/2021	RunNo:	152031		
Client ID:	ZZZZZZ	Batch ID:	87024	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/14/2021	SeqNo:	4172198		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.413 1.0 10.00 0.5752 98.4 75 125 10.42 0.0412 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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NO 44916

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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@crittgen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		EED Requirement		QA/QC		Sample Receipt Condition	
Phone: 1 916 865 3188 Submitted By: Riggie Ted Title: Field Tech		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3188		Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577		P.O.#		Excel EDD GeoTracker LabSpec Others Specify: EQ EDD Global ID:		RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory Specify State:	
Signature: <i>PD 4/9/21</i> I hereby authorize ASSET Labs to perform the tests indicated below.		Sampled By: <i>Andrew Phan</i> I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Matrix Ground-water x Sediment Potable NPDES Surface		C(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.BFF) HNO3, 4°C; 500 ml Poly TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Sample Temp: 1.1°C/4.4°C Courier: 4.10 Tracking No.: Remarks:			
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Turn Around Time	No. of Container				
	N044916-01	MW-68C-Q221	4/9/2021	0924	X	E	2				
	-02	MW-55C-Q221	4/9/2021	0941	X	E	2				
	-03	MW-21C-Q221	4/9/2021	0837	X	E	2				
	-04	EB-719-Q221	4/9/2021	1039	X	E	1				
	-05	EB-723-Q221	4/9/2021	1100	X	E	1				
Relinquished by (Signature and Printed Name): <i>PD Riggie Ted 4/9/21 1200</i>		Date/Time: 4/9/21 1200		Relinquished by (Signature and Printed Name): <i>Romao Alcantara 4/9/21 1200</i>		Date/Time: 4/9/21 1200		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name): <i>Romao Alcantara 4/9/21 1627</i>		Date/Time: 4/9/21 1627		Relinquished by (Signature and Printed Name): <i>Rigelle Garcia 4/9/21 1627</i>		Date/Time: 4/9/21 1627		<div><input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays</div>			
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		TAT Starts at 8 AM the following day if samples received after 3:00PM.			
Terms 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular: TAT is 5-7 business days, surcharges will apply for rush analysis Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20% 3. Custom EDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for Level II Data Packages, 15% for Level III Data Packages. Surcharges applied on total		5. Trip Blank and Equipment Blank are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Tastes are not 30 days. 8. All reports are submitted in electronic format. Please Inform ASSET Laboratories if hard copy of report is needed. 9. For submittal analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pin J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/9/2021 Workorder: N044916
Rep sample Temp (Deg C): 1.1/4.4/4.1 IR Gun ID: 2
Temp Blank: ☒ Yes ☐ No
Carrier name: ASSET
Last 4 digits of Tracking No.: NA Packing Material Used: None
Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/12/2021

Reviewed By: ABC 4/13/2021

ASSET Laboratories

WORK ORDER Summary

12-Apr-21

WorkOrder: N044916

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044916-001A	MW-68C-Q221	4/9/2021 9:24:00 AM	4/23/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044916-001B			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044916-002A	MW-55C-Q221	4/9/2021 9:41:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044916-002B			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044916-003A	MW-21C-Q221	4/9/2021 8:37:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044916-003B			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044916-004A	EB-719-Q221	4/9/2021 10:39:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044916-005A	EB-723-Q221	4/9/2021 11:00:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044916-006A	FOLDER	4/23/2021	4/23/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/23/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/23/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 23, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044917

RE: PG&E Hinkley - ATU, 30046045

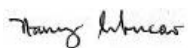
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 09, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044917

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Dilution was necessary for sample N044917-015 due to associated internal standard not meeting method criteria possibly due to matrix interference. Sample was analyzed with dilution and internal standard met method criteria. Affected analytes for this failed internal standard were reported at dilution that meets internal standard recovery limit.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.0 ug/L) and hexavalent chromium (0.74 ug/L) for sample N044917-002 (MW-70S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.6 ug/L) and hexavalent chromium (1.6 ug/L) for sample N044917-004 (MW-68S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (6.4 ug/L) and hexavalent chromium (3.9 ug/L) for sample N044917-009 (MW-206S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (5.0 ug/L) and hexavalent chromium (4.0 ug/L) for



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044917

CASE NARRATIVE

sample N044917-011 (MW-21B1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.9 ug/L) and hexavalent chromium (0.78 ug/L) for sample N044917-013 (MW-71S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.0 ug/L) and hexavalent chromium (0.74 ug/L) for sample N044917-002 (MW-70S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.6 and 0.77 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.6 ug/L) and hexavalent chromium (1.6 ug/L) for sample N044917-004 (MW-68S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.5 and 1.6 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (6.4 ug/L) and hexavalent chromium (3.9 ug/L) for sample N044917-009 (MW-206S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 6.0 and 3.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (5.0 ug/L) and hexavalent chromium (4.0 ug/L) for sample N044917-011 (MW-21B1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 5.1 and 3.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.9 ug/L) and hexavalent chromium (0.78 ug/L) for sample N044917-013 (MW-71S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.9 and 0.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - ATU, 30046045

Lab Order: N044917

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044917-001A	MW-70D-Q221	Groundwater	4/9/2021 10:11:00 AM	4/9/2021	4/23/2021
N044917-001B	MW-70D-Q221	Groundwater	4/9/2021 10:11:00 AM	4/9/2021	4/23/2021
N044917-001C	MW-70D-Q221	Groundwater	4/9/2021 10:11:00 AM	4/9/2021	4/23/2021
N044917-001D	MW-70D-Q221	Groundwater	4/9/2021 10:11:00 AM	4/9/2021	4/23/2021
N044917-001E	MW-70D-Q221	Groundwater	4/9/2021 10:11:00 AM	4/9/2021	4/23/2021
N044917-002A	MW-70S-Q221	Groundwater	4/9/2021 10:40:00 AM	4/9/2021	4/23/2021
N044917-002B	MW-70S-Q221	Groundwater	4/9/2021 10:40:00 AM	4/9/2021	4/23/2021
N044917-002C	MW-70S-Q221	Groundwater	4/9/2021 10:40:00 AM	4/9/2021	4/23/2021
N044917-002D	MW-70S-Q221	Groundwater	4/9/2021 10:40:00 AM	4/9/2021	4/23/2021
N044917-002E	MW-70S-Q221	Groundwater	4/9/2021 10:40:00 AM	4/9/2021	4/23/2021
N044917-003A	MW-68D-Q221	Groundwater	4/9/2021 7:52:00 AM	4/9/2021	4/23/2021
N044917-003B	MW-68D-Q221	Groundwater	4/9/2021 7:52:00 AM	4/9/2021	4/23/2021
N044917-003C	MW-68D-Q221	Groundwater	4/9/2021 7:52:00 AM	4/9/2021	4/23/2021
N044917-003D	MW-68D-Q221	Groundwater	4/9/2021 7:52:00 AM	4/9/2021	4/23/2021
N044917-003E	MW-68D-Q221	Groundwater	4/9/2021 7:52:00 AM	4/9/2021	4/23/2021
N044917-004A	MW-68S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-004B	MW-68S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-004C	MW-68S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-004D	MW-68S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-004E	MW-68S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-005A	MW-55A-Q221	Groundwater	4/9/2021 8:31:00 AM	4/9/2021	4/23/2021
N044917-005B	MW-55A-Q221	Groundwater	4/9/2021 8:31:00 AM	4/9/2021	4/23/2021
N044917-005C	MW-55A-Q221	Groundwater	4/9/2021 8:31:00 AM	4/9/2021	4/23/2021
N044917-005D	MW-55A-Q221	Groundwater	4/9/2021 8:31:00 AM	4/9/2021	4/23/2021
N044917-005E	MW-55A-Q221	Groundwater	4/9/2021 8:31:00 AM	4/9/2021	4/23/2021
N044917-006A	MW-55S-Q221	Groundwater	4/9/2021 9:15:00 AM	4/9/2021	4/23/2021
N044917-006B	MW-55S-Q221	Groundwater	4/9/2021 9:15:00 AM	4/9/2021	4/23/2021
N044917-006C	MW-55S-Q221	Groundwater	4/9/2021 9:15:00 AM	4/9/2021	4/23/2021
N044917-006D	MW-55S-Q221	Groundwater	4/9/2021 9:15:00 AM	4/9/2021	4/23/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044917
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044917-006E	MW-55S-Q221	Groundwater	4/9/2021 9:15:00 AM	4/9/2021	4/23/2021
N044917-007A	MW-32B1-Q221	Groundwater	4/9/2021 10:04:00 AM	4/9/2021	4/23/2021
N044917-007B	MW-32B1-Q221	Groundwater	4/9/2021 10:04:00 AM	4/9/2021	4/23/2021
N044917-007C	MW-32B1-Q221	Groundwater	4/9/2021 10:04:00 AM	4/9/2021	4/23/2021
N044917-007D	MW-32B1-Q221	Groundwater	4/9/2021 10:04:00 AM	4/9/2021	4/23/2021
N044917-007E	MW-32B1-Q221	Groundwater	4/9/2021 10:04:00 AM	4/9/2021	4/23/2021
N044917-008A	MW-32S-Q221	Groundwater	4/9/2021 11:03:00 AM	4/9/2021	4/23/2021
N044917-008B	MW-32S-Q221	Groundwater	4/9/2021 11:03:00 AM	4/9/2021	4/23/2021
N044917-008C	MW-32S-Q221	Groundwater	4/9/2021 11:03:00 AM	4/9/2021	4/23/2021
N044917-008D	MW-32S-Q221	Groundwater	4/9/2021 11:03:00 AM	4/9/2021	4/23/2021
N044917-008E	MW-32S-Q221	Groundwater	4/9/2021 11:03:00 AM	4/9/2021	4/23/2021
N044917-009A	MW-206S-Q221	Groundwater	4/9/2021 10:56:00 AM	4/9/2021	4/23/2021
N044917-009B	MW-206S-Q221	Groundwater	4/9/2021 10:56:00 AM	4/9/2021	4/23/2021
N044917-009C	MW-206S-Q221	Groundwater	4/9/2021 10:56:00 AM	4/9/2021	4/23/2021
N044917-009D	MW-206S-Q221	Groundwater	4/9/2021 10:56:00 AM	4/9/2021	4/23/2021
N044917-009E	MW-206S-Q221	Groundwater	4/9/2021 10:56:00 AM	4/9/2021	4/23/2021
N044917-010A	MW-21A-Q221	Groundwater	4/9/2021 9:06:00 AM	4/9/2021	4/23/2021
N044917-010B	MW-21A-Q221	Groundwater	4/9/2021 9:06:00 AM	4/9/2021	4/23/2021
N044917-010C	MW-21A-Q221	Groundwater	4/9/2021 9:06:00 AM	4/9/2021	4/23/2021
N044917-010D	MW-21A-Q221	Groundwater	4/9/2021 9:06:00 AM	4/9/2021	4/23/2021
N044917-010E	MW-21A-Q221	Groundwater	4/9/2021 9:06:00 AM	4/9/2021	4/23/2021
N044917-011A	MW-21B1-Q221	Groundwater	4/9/2021 7:59:00 AM	4/9/2021	4/23/2021
N044917-011B	MW-21B1-Q221	Groundwater	4/9/2021 7:59:00 AM	4/9/2021	4/23/2021
N044917-011C	MW-21B1-Q221	Groundwater	4/9/2021 7:59:00 AM	4/9/2021	4/23/2021
N044917-011D	MW-21B1-Q221	Groundwater	4/9/2021 7:59:00 AM	4/9/2021	4/23/2021
N044917-011E	MW-21B1-Q221	Groundwater	4/9/2021 7:59:00 AM	4/9/2021	4/23/2021
N044917-012A	MW-71D-Q221	Groundwater	4/9/2021 9:53:00 AM	4/9/2021	4/23/2021
N044917-012B	MW-71D-Q221	Groundwater	4/9/2021 9:53:00 AM	4/9/2021	4/23/2021
N044917-012C	MW-71D-Q221	Groundwater	4/9/2021 9:53:00 AM	4/9/2021	4/23/2021
N044917-012D	MW-71D-Q221	Groundwater	4/9/2021 9:53:00 AM	4/9/2021	4/23/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044917
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044917-012E	MW-71D-Q221	Groundwater	4/9/2021 9:53:00 AM	4/9/2021	4/23/2021
N044917-013A	MW-71S-Q221	Groundwater	4/9/2021 10:29:00 AM	4/9/2021	4/23/2021
N044917-013B	MW-71S-Q221	Groundwater	4/9/2021 10:29:00 AM	4/9/2021	4/23/2021
N044917-013C	MW-71S-Q221	Groundwater	4/9/2021 10:29:00 AM	4/9/2021	4/23/2021
N044917-013D	MW-71S-Q221	Groundwater	4/9/2021 10:29:00 AM	4/9/2021	4/23/2021
N044917-013E	MW-71S-Q221	Groundwater	4/9/2021 10:29:00 AM	4/9/2021	4/23/2021
N044917-014A	MW-84D-Q221	Groundwater	4/9/2021 7:58:00 AM	4/9/2021	4/23/2021
N044917-014B	MW-84D-Q221	Groundwater	4/9/2021 7:58:00 AM	4/9/2021	4/23/2021
N044917-014C	MW-84D-Q221	Groundwater	4/9/2021 7:58:00 AM	4/9/2021	4/23/2021
N044917-014D	MW-84D-Q221	Groundwater	4/9/2021 7:58:00 AM	4/9/2021	4/23/2021
N044917-014E	MW-84D-Q221	Groundwater	4/9/2021 7:58:00 AM	4/9/2021	4/23/2021
N044917-015A	MW-84S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-015B	MW-84S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-015C	MW-84S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-015D	MW-84S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-015E	MW-84S-Q221	Groundwater	4/9/2021 8:30:00 AM	4/9/2021	4/23/2021
N044917-016A	MW-85D-Q221	Groundwater	4/9/2021 9:28:00 AM	4/9/2021	4/23/2021
N044917-016B	MW-85D-Q221	Groundwater	4/9/2021 9:28:00 AM	4/9/2021	4/23/2021
N044917-016C	MW-85D-Q221	Groundwater	4/9/2021 9:28:00 AM	4/9/2021	4/23/2021
N044917-016D	MW-85D-Q221	Groundwater	4/9/2021 9:28:00 AM	4/9/2021	4/23/2021
N044917-016E	MW-85D-Q221	Groundwater	4/9/2021 9:28:00 AM	4/9/2021	4/23/2021
N044917-017A	MW-85S-Q221	Groundwater	4/9/2021 10:01:00 AM	4/9/2021	4/23/2021
N044917-017B	MW-85S-Q221	Groundwater	4/9/2021 10:01:00 AM	4/9/2021	4/23/2021
N044917-017C	MW-85S-Q221	Groundwater	4/9/2021 10:01:00 AM	4/9/2021	4/23/2021
N044917-017D	MW-85S-Q221	Groundwater	4/9/2021 10:01:00 AM	4/9/2021	4/23/2021
N044917-017E	MW-85S-Q221	Groundwater	4/9/2021 10:01:00 AM	4/9/2021	4/23/2021
N044917-018A	EB-720-Q221	Groundwater	4/9/2021 11:05:00 AM	4/9/2021	4/23/2021
N044917-019A	EB-721-Q221	Groundwater	4/9/2021 11:11:00 AM	4/9/2021	4/23/2021
N044917-020A	EB-722-Q221	Groundwater	4/9/2021 11:30:00 AM	4/9/2021	4/23/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-001

Client Sample ID: MW-70D-Q221
Collection Date: 4/9/2021 10:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1800	17	17	mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-002

Client Sample ID: MW-70S-Q221
Collection Date: 4/9/2021 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	5000	50	50	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-003

Client Sample ID: MW-68D-Q221
Collection Date: 4/9/2021 7:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3700	33	33	mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-004

Client Sample ID: MW-68S-Q221
Collection Date: 4/9/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3800	33	33	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-005

Client Sample ID: MW-55A-Q221
Collection Date: 4/9/2021 8:31:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1200	13	13	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-006

Client Sample ID: MW-55S-Q221
Collection Date: 4/9/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3600	33	33	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-007

Client Sample ID: MW-32B1-Q221
Collection Date: 4/9/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	690	10	10	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-008

Client Sample ID: MW-32S-Q221
Collection Date: 4/9/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3200	33	33	mg/L	1	4/13/2021 01:56 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-009

Client Sample ID: MW-206S-Q221
Collection Date: 4/9/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	7000	50	50	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-010

Client Sample ID: MW-21A-Q221
Collection Date: 4/9/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413C	QC Batch: 87053			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	2700	25	25	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-011

Client Sample ID: MW-21B1-Q221
Collection Date: 4/9/2021 7:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1000	13	13	mg/L	4/13/2021 01:56 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-012

Client Sample ID: MW-71D-Q221
Collection Date: 4/9/2021 9:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	310	10	10	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-013

Client Sample ID: MW-71S-Q221
Collection Date: 4/9/2021 10:29:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	4700	50	50	mg/L	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-014

Client Sample ID: MW-84D-Q221
Collection Date: 4/9/2021 7:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210413D	QC Batch: 87054			PrepDate: 4/13/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1000	13	13	mg/L	1	4/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-015

Client Sample ID: MW-84S-Q221
Collection Date: 4/9/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	4100	50	50	mg/L	1
					4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-016

Client Sample ID: MW-85D-Q221
Collection Date: 4/9/2021 9:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	230	10	10	mg/L	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-017

Client Sample ID: MW-85S-Q221
Collection Date: 4/9/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	7000	50	50	mg/L	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-87053	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/13/2021	RunNo:	152033			
Client ID:	LCSW	Batch ID:	87053	TestNo:	SM2540C			Analysis Date:	4/13/2021	SeqNo:	4172356			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		967.000		10	1000	0		96.7	80	120				

Sample ID	MB-87053	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/13/2021	RunNo:	152033			
Client ID:	PBW	Batch ID:	87053	TestNo:	SM2540C			Analysis Date:	4/13/2021	SeqNo:	4172357			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N044917-009CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/13/2021	RunNo:	152033			
Client ID:	ZZZZZZ	Batch ID:	87053	TestNo:	SM2540C			Analysis Date:	4/13/2021	SeqNo:	4172367			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		7160.000		50							7005	2.19	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_2540C_W

Sample ID	LCS-87054	SampType: LCS	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/13/2021	RunNo: 152034					
Client ID:	LCSW	Batch ID: 87054	TestNo: SM2540C		Analysis Date: 4/13/2021	SeqNo: 4172371					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera	973.000	10	1000	0	97.3	80	120
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Sample ID	MB-87054	SampType: MBLK	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/13/2021	RunNo: 152034					
Client ID:	PBW	Batch ID: 87054	TestNo: SM2540C		Analysis Date: 4/13/2021	SeqNo: 4172372					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera	ND	10
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Sample ID	N044917-013CDUP	SampType: DUP	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/13/2021	RunNo: 152034					
Client ID: ZZZZZZ	Batch ID: 87054	TestNo: SM2540C	Analysis Date: 4/13/2021	SeqNo: 4172382							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera	4515.000	50				4695	3.91	5
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Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_2540C_W

Sample ID	LCS-87085	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/14/2021	RunNo:	152090
Client ID:	LCSW	Batch ID:	87085	TestNo:	SM2540C			Analysis Date:	4/14/2021	SeqNo:	4175163
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera 967.000 10 1000 0 96.7 80 120

Sample ID	MB-87085	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/14/2021	RunNo:	152090
Client ID:	PBW	Batch ID:	87085	TestNo:	SM2540C			Analysis Date:	4/14/2021	SeqNo:	4175164
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera ND 10

Sample ID	N044917-017CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/14/2021	RunNo:	152090
Client ID:	ZZZZZZ	Batch ID:	87085	TestNo:	SM2540C			Analysis Date:	4/14/2021	SeqNo:	4175168
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera 6745.000 50 7050 4.42 5

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-001

Client Sample ID: MW-70D-Q221
Collection Date: 4/9/2021 10:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS

EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	25 0.056 0.67	pCi/L	1 4/12/2021 04:24 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-002

Client Sample ID: MW-70S-Q221
Collection Date: 4/9/2021 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	130 0.18 3.4	pCi/L	5 4/18/2021 01:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-003

Client Sample ID: MW-68D-Q221
Collection Date: 4/9/2021 7:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	86 0.18 3.4	pCi/L	5 4/18/2021 01:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-004

Client Sample ID: MW-68S-Q221
Collection Date: 4/9/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	62 0.056 0.67	pCi/L	1 4/12/2021 05:06 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-005

Client Sample ID: MW-55A-Q221
Collection Date: 4/9/2021 8:31:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	28 0.056 0.67	pCi/L	1 4/12/2021 05:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-006

Client Sample ID: MW-55S-Q221
Collection Date: 4/9/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	86 0.056 0.67	pCi/L	1 4/12/2021 05:30 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-007

Client Sample ID: MW-32B1-Q221
Collection Date: 4/9/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	15 0.056 0.67	pCi/L	1 4/12/2021 05:36 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-008

Client Sample ID: MW-32S-Q221
Collection Date: 4/9/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	120 0.056 0.67	pCi/L	1 4/12/2021 05:42 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-009

Client Sample ID: MW-206S-Q221
Collection Date: 4/9/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	130 0.18 3.4	pCi/L	5 4/18/2021 01:36 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-010

Client Sample ID: MW-21A-Q221
Collection Date: 4/9/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	64 0.18 3.4	pCi/L	5 4/18/2021 01:42 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-011

Client Sample ID: MW-21B1-Q221
Collection Date: 4/9/2021 7:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	33 0.056 0.67	pCi/L	1 4/12/2021 06:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-012

Client Sample ID: MW-71D-Q221
Collection Date: 4/9/2021 9:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	4.5 0.056 0.67	pCi/L	1 4/12/2021 06:36 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-013

Client Sample ID: MW-71S-Q221
Collection Date: 4/9/2021 10:29:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	150 0.18 3.4	pCi/L	5 4/18/2021 01:47 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-014

Client Sample ID: MW-84D-Q221
Collection Date: 4/9/2021 7:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	3.1 0.056 0.67	pCi/L	1 4/12/2021 06:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-015

Client Sample ID: MW-84S-Q221
Collection Date: 4/9/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	35 0.18 3.4	pCi/L	5 4/18/2021 01:53 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-016

Client Sample ID: MW-85D-Q221
Collection Date: 4/9/2021 9:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210412A	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	1.5 0.056 0.67	pCi/L	1 4/12/2021 07:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-017

Client Sample ID: MW-85S-Q221
Collection Date: 4/9/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87023	PrepDate: 4/10/2021	Analyst: CEI
Uranium	83 0.18 3.4	pCi/L	5 4/18/2021 01:59 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-87023	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/10/2021	RunNo: 152007
Client ID: PBW	Batch ID: 87023	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171319
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID LCS-87023	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/10/2021	RunNo: 152007
Client ID: LCSW	Batch ID: 87023	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171320
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.009	0.67	6.700	0	105 85 115

Sample ID N044917-001E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/10/2021	RunNo: 152007
Client ID: ZZZZZZ	Batch ID: 87023	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171324
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	30.760	0.67	6.700	24.54	92.9 75 125

Sample ID N044917-001E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/10/2021	RunNo: 152007
Client ID: ZZZZZZ	Batch ID: 87023	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171325
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	30.568	0.67	6.700	24.54	90.0 75 125 30.76 0.627 20

Sample ID N044917-011E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/10/2021	RunNo: 152007
Client ID: ZZZZZZ	Batch ID: 87023	TestNo: EPA 200.8		Analysis Date: 4/12/2021	SeqNo: 4171340
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	37.870	0.67	6.700	32.52	79.9 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-001

Client Sample ID: MW-70D-Q221
Collection Date: 4/9/2021 10:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/12/2021 01:10 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	1.7	0.13	1.0		µg/L	1	4/14/2021 05:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-002

Client Sample ID: MW-70S-Q221
Collection Date: 4/9/2021 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.74	0.033	0.20		µg/L	1	4/12/2021 01:19 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	2.0	0.13	1.0		µg/L	1	4/14/2021 05:39 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-003

Client Sample ID: MW-68D-Q221
Collection Date: 4/9/2021 7:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/12/2021 01:29 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	1.8	0.13	1.0		µg/L	1	4/14/2021 05:56 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-004

Client Sample ID: MW-68S-Q221
Collection Date: 4/9/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/12/2021 01:38 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	2.6	0.13	1.0		µg/L	1	4/14/2021 06:02 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-005

Client Sample ID: MW-55A-Q221
Collection Date: 4/9/2021 8:31:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.2	0.033	0.20		µg/L	1	4/12/2021 02:07 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	1.2	0.13	1.0		µg/L	1	4/14/2021 06:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-006

Client Sample ID: MW-55S-Q221
Collection Date: 4/9/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/12/2021 02:16 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	2.1	0.13	1.0		µg/L	1	4/14/2021 06:14 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-007

Client Sample ID: MW-32B1-Q221
Collection Date: 4/9/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.6	0.033	0.20		µg/L	1	4/12/2021 02:26 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	3.4	0.13	1.0		µg/L	1	4/14/2021 06:20 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-008

Client Sample ID: MW-32S-Q221
Collection Date: 4/9/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.97	0.033	0.20		µg/L	1	4/12/2021 02:35 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/14/2021 06:26 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-009

Client Sample ID: MW-206S-Q221
Collection Date: 4/9/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.9	0.033	0.20		µg/L	1	4/12/2021 02:44 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210414B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	6.4	0.13	1.0		µg/L	1	4/14/2021 01:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-010

Client Sample ID: MW-21A-Q221
Collection Date: 4/9/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/12/2021 02:54 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	2.0	0.13	1.0		µg/L	1	4/14/2021 06:38 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-011

Client Sample ID: MW-21B1-Q221
Collection Date: 4/9/2021 7:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.0	0.033	0.20		µg/L	1	4/12/2021 03:03 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	5.0	0.13	1.0		µg/L	1	4/14/2021 06:44 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-012

Client Sample ID: MW-71D-Q221
Collection Date: 4/9/2021 9:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210415A	QC Batch: R152115			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.16	0.0096	0.060		µg/L	1	4/15/2021 01:52 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412B	QC Batch: R152013			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 04:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87025			PrepDate:	4/10/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/14/2021 06:50 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-013

Client Sample ID: MW-71S-Q221
Collection Date: 4/9/2021 10:29:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.78	0.033	0.20		µg/L	1	4/13/2021 02:52 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210414B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/14/2021 01:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-014

Client Sample ID: MW-84D-Q221
Collection Date: 4/9/2021 7:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210415A	QC Batch: R152115			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.19	0.0096	0.060		µg/L	1	4/15/2021 02:02 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412B	QC Batch: R152013			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 05:10 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210414B	QC Batch: 87025			PrepDate:	4/10/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/14/2021 01:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-015

Client Sample ID: MW-84S-Q221
Collection Date: 4/9/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412B	QC Batch: R152013		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.8	0.033	0.20		µg/L	1	4/12/2021 04:00 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210414B	QC Batch: 87025		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	2.4	0.13	1.0		µg/L	1	4/14/2021 01:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-016

Client Sample ID: MW-85D-Q221
Collection Date: 4/9/2021 9:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210415A	QC Batch: R152115			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/15/2021 01:22 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412B	QC Batch: R152013			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 05:20 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210414B	QC Batch: 87025			PrepDate:	4/10/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/14/2021 01:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-017

Client Sample ID: MW-85S-Q221
Collection Date: 4/9/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412B	QC Batch: R152013			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/12/2021 04:12 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210414B	QC Batch: 87025			PrepDate:	4/10/2021	Analyst: CEI	
Chromium	2.0	0.13	1.0		µg/L	1	4/14/2021 02:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-018

Client Sample ID: EB-720-Q221
Collection Date: 4/9/2021 11:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210415A	QC Batch: R152115			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/15/2021 02:12 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412B	QC Batch: R152013			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 05:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-019

Client Sample ID: EB-721-Q221
Collection Date: 4/9/2021 11:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210415A	QC Batch: R152115			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/15/2021 12:42 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412B	QC Batch: R152013			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 05:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-020

Client Sample ID: EB-722-Q221
Collection Date: 4/9/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC (LOW LEVEL)
EPA 218.6

RunID: NV00922-IC6_210415A	QC Batch: R152115						Analyst: RAB
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/15/2021 02:22 PM

HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210412B	QC Batch: R152013						Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/12/2021 06:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPGE**

Sample ID MB-R152115	SampType: MBLK	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: PBW	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176062
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			

Sample ID LCS-R152115	SampType: LCS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: LCSW	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176063
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110 90 110

Sample ID N044937-002AMS	SampType: MS	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176065
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110 90 110

Sample ID N044937-002AMSD	SampType: MSD	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176066
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.217	0.060	0.2000	0	109 90 110 0.2195 0.961 20

Sample ID N044917-019ADUP	SampType: DUP	TestCode: 218.6_W_LL	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176068
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	MB-R152012	SampType:	MBLK	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012		
Client ID:	PBW	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171417		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID	LCS-R152012	SampType:	LCS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012	
Client ID:	LCSW	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171418	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.004	0.20	5.000	0	100	90	110				
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Sample ID	N044922-001AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012		
Client ID:	ZZZZZZ	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171420		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.528	0.20	1.000	0.5186	101	90	110				
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Sample ID	N044922-002AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012		
Client ID:	ZZZZZZ	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171422		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.551	0.20	1.000	1.515	104	90	110				
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Sample ID	N044922-003AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012			
Client ID:	ZZZZZZ	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171424			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.116	0.20	1.000	1.083	103	90	110				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044922-004AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012		
Client ID:	ZZZZZZ	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171426		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.092	0.20	1.000	1.080	101	90	110				
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Sample ID	N044922-001AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012		
Client ID:	ZZZZZZ	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171429		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.542	0.20	1.000	0.5186	102	90	110	1.528	0.899	20	
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Sample ID	N044917-003ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152012		
Client ID:	ZZZZZZ	Batch ID:	R152012	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171448		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.300	0.20						1.293	0.571	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	LCS-R152013	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152013					
Client ID:	LCSW	Batch ID: R152013	TestNo: EPA 218.6	Analysis Date: 4/12/2021	SeqNo: 4171457						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	4.938	0.20	5.000	0	98.8	90	110				
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Sample ID	MB-R152013	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152013					
Client ID:	PBW	Batch ID: R152013	TestNo: EPA 218.6	Analysis Date: 4/12/2021	SeqNo: 4171458						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID	N044917-015AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152013					
Client ID:	ZZZZZZ	Batch ID: R152013	TestNo: EPA 218.6	Analysis Date: 4/12/2021	SeqNo: 4171463						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.819	0.20	1.000	1.795	102	90	110				
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Sample ID	N044917-015AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152013					
Client ID:	ZZZZZZ	Batch ID: R152013	TestNo: EPA 218.6	Analysis Date: 4/12/2021	SeqNo: 4171464						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.707	0.20	1.000	1.795	91.3	90	110	2.818	4.02	20	
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Sample ID	N044917-017ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152013			
Client ID:	ZZZZZZ	Batch ID:	R152013	TestNo:	EPA 218.6			Analysis Date:	4/12/2021	SeqNo:	4171465			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.413	0.20						1.418	0.311	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	MB-R152037	SampType:	MBLK	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152037		
Client ID:	PBW	Batch ID:	R152037	TestNo:	EPA 218.6			Analysis Date:	4/13/2021	SeqNo:	4172457		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID	LCS-R152037	SampType:	LCS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152037			
Client ID:	LCSW	Batch ID:	R152037	TestNo:	EPA 218.6			Analysis Date:	4/13/2021	SeqNo:	4172458			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	4.986	0.20	5.000	0	99.7	90	110				
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Sample ID	N044937-001AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152037		
Client ID:	ZZZZZZ	Batch ID:	R152037	TestNo:	EPA 218.6			Analysis Date:	4/13/2021	SeqNo:	4172469		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	4.429	0.20	1.000	3.372	106	90	110				
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Sample ID	N044937-002AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152037		
Client ID:	ZZZZZZ	Batch ID:	R152037	TestNo:	EPA 218.6			Analysis Date:	4/13/2021	SeqNo:	4172470		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.021	0.20	1.000	0	102	90	110				
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Sample ID	N044934-004AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152037			
Client ID:	ZZZZZZ	Batch ID:	R152037	TestNo:	EPA 218.6			Analysis Date:	4/13/2021	SeqNo:	4172475			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.192	0.20	1.000	2.104	109	90	110				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044934-004AMSD	SampType:	MSD	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152037			
Client ID:	ZZZZZZ	Batch ID:	R152037	TestNo:	EPA 218.6			Analysis Date:	4/13/2021	SeqNo:	4172476			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		3.180		0.20	1.000	2.104		108	90	110	3.192	0.377	20	

Sample ID	N044935-002ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152037			
Client ID:	ZZZZZZ	Batch ID:	R152037	TestNo:	EPA 218.6			Analysis Date:	4/13/2021	SeqNo:	4172484			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		4.855		0.20							4.885	0.616	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87025	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/10/2021	RunNo:	152031			
Client ID:	PBW	Batch ID:	87025	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/14/2021	SeqNo:	4172209			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-87025	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/10/2021	RunNo:	152031			
Client ID:	LCSW	Batch ID:	87025	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/14/2021	SeqNo:	4172210			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	9.611	1.0	10.00	0	96.1	85	115							
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Sample ID	N044917-001E-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/10/2021	RunNo:	152031		
Client ID:	ZZZZZZ	Batch ID:	87025	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/14/2021	SeqNo:	4172214		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.836	1.0	10.00	1.676	91.6	75	125							
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Sample ID	N044917-001E-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/10/2021	RunNo:	152031			
Client ID:	ZZZZZZ	Batch ID:	87025	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/14/2021	SeqNo:	4172215			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.967	1.0	10.00	1.676	92.9	75	125	10.84	1.20	20				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-001

Client Sample ID: MW-70D-Q221
Collection Date: 4/9/2021 10:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	15 0.17	1.0	mg/L
		20	4/10/2021 06:47 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-002

Client Sample ID: MW-70S-Q221
Collection Date: 4/9/2021 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	24 0.17 1.0	mg/L	20 4/10/2021 12:57 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-003

Client Sample ID: MW-68D-Q221
Collection Date: 4/9/2021 7:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	19 0.17	1.0	mg/L
			20 4/10/2021 02:09 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-004

Client Sample ID: MW-68S-Q221
Collection Date: 4/9/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	23 0.17	1.0	mg/L 20 4/10/2021 02:24 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-005

Client Sample ID: MW-55A-Q221
Collection Date: 4/9/2021 8:31:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974			PrepDate:		Analyst: RAB
Nitrate as N	6.5	0.044	0.25	mg/L	5	4/10/2021 02:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-006

Client Sample ID: MW-55S-Q221
Collection Date: 4/9/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	29 0.44	2.5	mg/L 50 4/10/2021 01:53 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-007

Client Sample ID: MW-32B1-Q221
Collection Date: 4/9/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	6.2 0.044 0.25	mg/L	5 4/10/2021 03:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-008

Client Sample ID: MW-32S-Q221
Collection Date: 4/9/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	18 0.17 1.0	mg/L	20 4/10/2021 03:59 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-009

Client Sample ID: MW-206S-Q221
Collection Date: 4/9/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	24 0.17	1.0	mg/L
		20	4/10/2021 04:14 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-010

Client Sample ID: MW-21A-Q221
Collection Date: 4/9/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	25 0.17 1.0	mg/L	20 4/10/2021 04:30 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-011

Client Sample ID: MW-21B1-Q221
Collection Date: 4/9/2021 7:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	13 0.087 0.50	mg/L	10 4/10/2021 04:45 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-012

Client Sample ID: MW-71D-Q221
Collection Date: 4/9/2021 9:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	0.15 0.0087 0.050	mg/L	1 4/10/2021 01:18 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-013

Client Sample ID: MW-71S-Q221
Collection Date: 4/9/2021 10:29:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	12 0.087 0.50	mg/L	10 4/10/2021 05:00 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-014

Client Sample ID: MW-84D-Q221
Collection Date: 4/9/2021 7:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	3.2 0.044 0.25	mg/L	5 4/10/2021 05:16 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-015

Client Sample ID: MW-84S-Q221
Collection Date: 4/9/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	10 0.087 0.50	mg/L	10 4/10/2021 05:31 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-016

Client Sample ID: MW-85D-Q221
Collection Date: 4/9/2021 9:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	0.072 0.0087 0.050	mg/L	1 4/10/2021 01:33 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044917
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044917-017

Client Sample ID: MW-85S-Q221
Collection Date: 4/9/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210410A	QC Batch: R151974	PrepDate:	Analyst: RAB
Nitrate as N	22 0.17	1.0	mg/L
		20	4/10/2021 05:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID	MB-R151974_NO3	SampType:	MBLK	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151974		
Client ID:	PBW	Batch ID:	R151974	TestNo:	EPA 300.0			Analysis Date:	4/10/2021	SeqNo:	4173041		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID	LCS-R151974_NO3	SampType:	LCS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151974		
Client ID:	LCSW	Batch ID:	R151974	TestNo:	EPA 300.0			Analysis Date:	4/10/2021	SeqNo:	4173042		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.251 0.050 1.250 0 100 90 110

Sample ID	N044917-006BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151974		
Client ID:	ZZZZZZ	Batch ID:	R151974	TestNo:	EPA 300.0			Analysis Date:	4/10/2021	SeqNo:	4173061		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 27.880 2.5 28.98 3.85 20

Sample ID	N044917-001BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151974		
Client ID:	ZZZZZZ	Batch ID:	R151974	TestNo:	EPA 300.0			Analysis Date:	4/10/2021	SeqNo:	4173065		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 40.306 1.0 25.00 14.98 101 80 120

Sample ID	N044917-001BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151974		
Client ID:	ZZZZZZ	Batch ID:	R151974	TestNo:	EPA 300.0			Analysis Date:	4/10/2021	SeqNo:	4173066		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 40.152 1.0 25.00 14.98 101 80 120 40.31 0.383 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044917
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044917-006BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	151974		
Client ID:	ZZZZZZ	Batch ID:	R151974	TestNo:	EPA 300.0			Analysis Date:	4/10/2021	SeqNo:	4173067		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		90.905		2.5	62.50	28.98	99.1	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



"Serving Clients with Passion and Professionalism"

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046



ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

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Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Carritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3188 Fax: Submitted By: Riggie Tap Title: Field Tech Signature: [Signature] Date: 4/9/21 <small>I hereby authorize ASSET Labs to perform the tests indicated below.</small> Project Name: PG&E Hinkley - ATU Project Number: 30046045		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3188 Fax:		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577 Fax:		EDD Requirement Excel EDD Geotracker LabSpec Others Specify: EQ EDD Global ID:										QA/QC RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory Specify State:		Sample Receipt Condition Y N 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling:					
Signature: [Signature] Date: 4/9/21 <small>I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for</small> Signature: [Signature] Date: 4/9/21		Sampled By: Nara Tap Signature: [Signature] Date: 4/9/21		Matrix Ground-water Potable NPDES Surface x Sediment Soil Other Solid		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E600); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3x40 ml VOA Metals Dissolved (E202AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (E202AFF) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (E202AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (E202AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly TPH-D (E218.6) 3x1 Liter Amber Glass, 4°C TPH-D (E218.6) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (E218.6) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (E218.6) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3x40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly										Turn Around Time No. of Container Remarks							
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others													
N044917-01		-		MW-70D-Q221		4/9/2021		1011															
-02		-		MW-70S-Q221		4/9/2021		1040															
-03		-		MW-68D-Q221		4/9/2021		0752															
-04		-		MW-68S-Q221		4/9/2021		0830															
-05		-		MW-55A-Q221		4/9/2021		0931															
-06		-		MW-55S-Q221		4/9/2021		0915															
-07		-		MW-32B1-Q221		4/9/2021		1004															
-08		-		MW-32S-Q221		4/9/2021		1103															
-09		-		MW-206S-Q221		4/9/2021		1056															
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Turn Around Time (TAT)										Special Instruction:	
[Signature] Riggie Tap 4/9/21 1200		4/9/21 1200		[Signature] Romeo Alcantara 4/9/21 1200		4/9/21 1200		[Signature] Gabele Garcia 4/9/21 1627		4/9/21 1627		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.											
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Preservatives:										Container Type:	
[Signature] Romeo Alcantara 4/9/21 1627		4/9/21 1627		[Signature] Gabele Garcia 4/9/21 1627		4/9/21 1627		[Signature] Gabele Garcia 4/9/21 1627		4/9/21 1627		H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH										T=Tube V=VOA P=Plat J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can	
Terms				5. Trip Blank and Equipment Blank are billable sample				6. Asset Laboratories is not responsible for samples collected using incorrect methodology.															
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.				7. Terms are not 30 days.				8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.															
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.				9. For subcontract analysis, TAT and Surcharges will vary.																			
3. Custom EDD formats will be an additional 5% of the total project price.																							
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on total.																							



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[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/9/2021 Workorder: N044917
Rep sample Temp (Deg C): 2.8/1.1/4.4/4.1/2.1 IR Gun ID: 2
Temp Blank: ☒ Yes ☐ No
Carrier name: ASSET
Last 4 digits of Tracking No.: NA Packing Material Used: None
Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/12/2021

Reviewed By: ABC 4/13/2021

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044917

Client ID: ARCUS02

Project: PG&E Hinkley -ATU, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044917-001A	MW-70D-Q221	4/9/2021 10:11:00 AM	4/23/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-001B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-001C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-001D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-001E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-002A	MW-70S-Q221	4/9/2021 10:40:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-002B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-002C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-002D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-002E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-003A	MW-68D-Q221	4/9/2021 7:52:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-003B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-003C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044917

Client ID: ARCUS02

Project: PG&E Hinkley -ATU, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044917-003D	MW-68D-Q221	4/9/2021 7:52:00 AM	4/23/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-003E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-004A	MW-68S-Q221	4/9/2021 8:30:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-004B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-004C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-004D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-004E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-005A	MW-55A-Q221	4/9/2021 8:31:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-005B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-005C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-005D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-005E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044917

Client ID: ARCUS02

Project: PG&E Hinkley -ATU, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044917-005E	MW-55A-Q221	4/9/2021 8:31:00 AM	4/23/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-006A	MW-55S-Q221	4/9/2021 9:15:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-006B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-006C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-006D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-006E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-007A	MW-32B1-Q221	4/9/2021 10:04:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-007B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-007C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-007D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-007E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-008A	MW-32S-Q221	4/9/2021 11:03:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-008B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-008C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044917

Client ID: ARCUS02

Project: PG&E Hinkley -ATU, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044917-008C	MW-32S-Q221	4/9/2021 11:03:00 AM	4/23/2021	Groundwater		Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-008D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-008E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-009A	MW-206S-Q221	4/9/2021 10:56:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-009B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-009C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-009D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-009E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-010A	MW-21A-Q221	4/9/2021 9:06:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-010B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-010C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-010D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-010E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044917

Client ID: ARCUS02

Project: PG&E Hinkley -ATU, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044917-010E	MW-21A-Q221	4/9/2021 9:06:00 AM	4/23/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-011A	MW-21B1-Q221	4/9/2021 7:59:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-011B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-011C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-011D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-011E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-012A	MW-71D-Q221	4/9/2021 9:53:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-012B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-012C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-012D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-012E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-013A	MW-71S-Q221	4/9/2021 10:29:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-013B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044917

Client ID: ARCUS02

Project: PG&E Hinkley -ATU, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044917-013C	MW-71S-Q221	4/9/2021 10:29:00 AM	4/23/2021	Groundwater	SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-013D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-013E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-014A	MW-84D-Q221	4/9/2021 7:58:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-014B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-014C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-014D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-014E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-015A	MW-84S-Q221	4/9/2021 8:30:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-015B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-015C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-015D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-015E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

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WORK ORDER Summary

13-Apr-21

WorkOrder: N044917

Client ID: ARCUS02

Project: PG&E Hinkley -ATU, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044917-015E	MW-84S-Q221	4/9/2021 8:30:00 AM	4/23/2021	Groundwater	EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-016A	MW-85D-Q221	4/9/2021 9:28:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-016B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-016C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-016D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-016E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-017A	MW-85S-Q221	4/9/2021 10:01:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-017B			4/23/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-017C			4/23/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
			4/23/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LSR
N044917-017D			4/23/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044917-017E			4/23/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/23/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-018A	EB-720-Q221	4/9/2021 11:05:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044917

Client ID: ARCUS02

Project: PG&E Hinkley -ATU, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044917-019A	EB-721-Q221	4/9/2021 11:11:00 AM	4/23/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-020A	EB-722-Q221	4/9/2021 11:30:00 AM	4/23/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044917-021A	FOLDER	4/23/2021	4/23/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/23/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/23/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV

Subcontractor:

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Nana Tep

12-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044917-001D / MW-70D-Q221	Groundwater	4/9/2021 10:11:00 AM	32OZP	1		
N044917-002D / MW-70S-Q221	Groundwater	4/9/2021 10:40:00 AM	32OZP	1		
N044917-003D / MW-68D-Q221	Groundwater	4/9/2021 7:52:00 AM	32OZP	1		
N044917-004D / MW-68S-Q221	Groundwater	4/9/2021 8:30:00 AM	32OZP	1		
N044917-005D / MW-55A-Q221	Groundwater	4/9/2021 8:31:00 AM	32OZP	1		
N044917-006D / MW-55S-Q221	Groundwater	4/9/2021 9:15:00 AM	32OZP	1		
N044917-007D / MW-32B1-Q221	Groundwater	4/9/2021 10:04:00 AM	32OZP	1		
N044917-008D / MW-32S-Q221	Groundwater	4/9/2021 11:03:00 AM	32OZP	1		
N044917-009D / MW-206S-Q221	Groundwater	4/9/2021 10:56:00 AM	32OZP	1		
N044917-010D / MW-21A-Q221	Groundwater	4/9/2021 9:06:00 AM	32OZP	1		
N044917-011D / MW-21B1-Q221	Groundwater	4/9/2021 7:59:00 AM	32OZP	1		
N044917-012D / MW-71D-Q221	Groundwater	4/9/2021 9:53:00 AM	32OZP	1		
N044917-013D / MW-71S-Q221	Groundwater	4/9/2021 10:29:00 AM	32OZP	1		
N044917-014D / MW-84D-Q221	Groundwater	4/9/2021 7:58:00 AM	32OZP	1		
N044917-015D / MW-84S-Q221	Groundwater	5/9/2021 8:30:00 AM	32OZP	1		
N044917-016D / MW-85D-Q221	Groundwater	4/9/2021 9:28:00 AM	32OZP	1		
N044917-017D / MW-85S-Q221	Groundwater	4/9/2021 10:01:00 AM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44917A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773419413976 / 773419413553

	Date/Time		Date/Time
Relinquished by: <u>YAT</u>	4/12/2021 1158	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 15, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044922

RE: PG&E Hinkley - DOM, 30046045

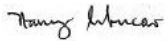
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 09, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



ASSET LABORATORIES
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EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N044922

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



ASSET LABORATORIES
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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories

Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - DOM, 30046045**Lab Order:** N044922**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044922-001A	01-01A-Q221	Groundwater	4/9/2021 10:10:00 AM	4/9/2021	4/15/2021
N044922-001B	01-01A-Q221	Groundwater	4/9/2021 10:10:00 AM	4/9/2021	4/15/2021
N044922-002A	27-16-Q221	Groundwater	4/9/2021 7:30:00 AM	4/9/2021	4/15/2021
N044922-002B	27-16-Q221	Groundwater	4/9/2021 7:30:00 AM	4/9/2021	4/15/2021
N044922-003A	27-26-Q221	Groundwater	4/9/2021 7:50:00 AM	4/9/2021	4/15/2021
N044922-003B	27-26-Q221	Groundwater	4/9/2021 7:50:00 AM	4/9/2021	4/15/2021
N044922-004A	MW-954-Q221	Groundwater	4/9/2021 8:00:00 AM	4/9/2021	4/15/2021
N044922-004B	MW-954-Q221	Groundwater	4/9/2021 8:00:00 AM	4/9/2021	4/15/2021

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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044922
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044922-001

Client Sample ID: 01-01A-Q221
Collection Date: 4/9/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.52	0.033	0.20		µg/L	1	4/12/2021 10:36 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87024		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/14/2021 03:27 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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 ORELAP/NELAP Cert 4046

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044922
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044922-002

Client Sample ID: 27-16-Q221
Collection Date: 4/9/2021 7:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/12/2021 10:54 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87024		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	1.7	0.13	1.0		µg/L	1	4/14/2021 03:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044922
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044922-003

Client Sample ID: 27-26-Q221
Collection Date: 4/9/2021 7:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/12/2021 11:16 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87024		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	1.1	0.13	1.0		µg/L	1	4/14/2021 04:03 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 15-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044922
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044922-004

Client Sample ID: MW-954-Q221
Collection Date: 4/9/2021 8:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210412A	QC Batch: R152012		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/12/2021 11:35 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210413B	QC Batch: 87024		PrepDate: 4/10/2021		Analyst: CEI		
Chromium	1.2	0.13	1.0		µg/L	1	4/14/2021 04:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044922
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152012	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: PBW	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171417
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152012	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: LCSW	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171418
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.004	0.20	5.000	0	100 90 110

Sample ID: N044922-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: ZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171420
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.528	0.20	1.000	0.5186	101 90 110

Sample ID: N044922-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: ZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171422
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.551	0.20	1.000	1.515	104 90 110

Sample ID: N044922-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012
Client ID: ZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171424
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.116	0.20	1.000	1.083	103 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044922
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044922-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012						
Client ID: ZZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171426						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.092	0.20	1.000	1.080	101	90	110				
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Sample ID: N044922-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012						
Client ID: ZZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171429						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.542	0.20	1.000	0.5186	102	90	110	1.528	0.899	20	
---------------------	-------	------	-------	--------	-----	----	-----	-------	-------	----	--

Sample ID: N044917-003ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152012						
Client ID: ZZZZZZ	Batch ID: R152012	TestNo: EPA 218.6		Analysis Date: 4/12/2021	SeqNo: 4171448						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.300	0.20						1.293	0.571	20	
---------------------	-------	------	--	--	--	--	--	-------	-------	----	--

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044922
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87024	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/10/2021	RunNo: 152031
Client ID: PBW	Batch ID: 87024	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/14/2021	SeqNo: 4172190
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87024	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/10/2021	RunNo: 152031
Client ID: LCSW	Batch ID: 87024	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/14/2021	SeqNo: 4172193
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.093 1.0 10.00 0 101 85 115

Sample ID: N044922-001B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/10/2021	RunNo: 152031
Client ID: ZZZZZZ	Batch ID: 87024	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/14/2021	SeqNo: 4172197
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.417 1.0 10.00 0.5752 98.4 75 125

Sample ID: N044922-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/10/2021	RunNo: 152031
Client ID: ZZZZZZ	Batch ID: 87024	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/14/2021	SeqNo: 4172198
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.413 1.0 10.00 0.5752 98.4 75 125 10.42 0.0412 20

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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www.sassteelaboratories.com

[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/9/2021

Workorder: N044922

Rep sample Temp (Deg C): 2.8

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH < 2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YR

4/12/2021

Reviewed By:

ABC

4/13/2021

ASSET Laboratories

WORK ORDER Summary

12-Apr-21

WorkOrder: N044922

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 4/9/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044922-001A	01-01A-Q221	4/9/2021 10:10:00 AM	4/16/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044922-001B			4/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044922-002A	27-16-Q221	4/9/2021 7:30:00 AM	4/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044922-002B			4/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044922-003A	27-26-Q221	4/9/2021 7:50:00 AM	4/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044922-003B			4/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044922-004A	MW-954-Q221	4/9/2021 8:00:00 AM	4/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044922-004B			4/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044922-005A	FOLDER	4/16/2021	4/16/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/16/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/16/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 26, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044934

RE: PG&E Hinkley - ATU, 30046045

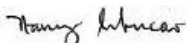
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 12, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044934

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery criteria in QC samples N044934-004EMSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.6 ug/L) and hexavalent chromium (1.7 ug/L) for sample N044934-002 (MW-89S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Iron in QC sample N044903-015D-MS possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS) and Matrix Spike Duplicate (MSD) is outside criteria; however, the associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044934

CASE NARRATIVE

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.6 ug/L) and hexavalent chromium (1.7 ug/L) for sample N044934-002 (MW-89S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.6 and 1.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - ATU, 30046045**Lab Order:** N044934**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044934-001A	MW-89D-Q221	Groundwater	4/12/2021 10:38:00 AM	4/12/2021	4/26/2021
N044934-001B	MW-89D-Q221	Groundwater	4/12/2021 10:38:00 AM	4/12/2021	4/26/2021
N044934-001C	MW-89D-Q221	Groundwater	4/12/2021 10:38:00 AM	4/12/2021	4/26/2021
N044934-001D	MW-89D-Q221	Groundwater	4/12/2021 10:38:00 AM	4/12/2021	4/26/2021
N044934-001E	MW-89D-Q221	Groundwater	4/12/2021 10:38:00 AM	4/12/2021	4/26/2021
N044934-002A	MW-89S-Q221	Groundwater	4/12/2021 11:21:00 AM	4/12/2021	4/26/2021
N044934-002B	MW-89S-Q221	Groundwater	4/12/2021 11:21:00 AM	4/12/2021	4/26/2021
N044934-002C	MW-89S-Q221	Groundwater	4/12/2021 11:21:00 AM	4/12/2021	4/26/2021
N044934-002D	MW-89S-Q221	Groundwater	4/12/2021 11:21:00 AM	4/12/2021	4/26/2021
N044934-002E	MW-89S-Q221	Groundwater	4/12/2021 11:21:00 AM	4/12/2021	4/26/2021
N044934-003A	MW-22B-Q221	Groundwater	4/12/2021 12:20:00 PM	4/12/2021	4/26/2021
N044934-003B	MW-22B-Q221	Groundwater	4/12/2021 12:20:00 PM	4/12/2021	4/26/2021
N044934-003C	MW-22B-Q221	Groundwater	4/12/2021 12:20:00 PM	4/12/2021	4/26/2021
N044934-003D	MW-22B-Q221	Groundwater	4/12/2021 12:20:00 PM	4/12/2021	4/26/2021
N044934-003E	MW-22B-Q221	Groundwater	4/12/2021 12:20:00 PM	4/12/2021	4/26/2021
N044934-004A	EX-23-Q221	Groundwater	4/12/2021 2:35:00 PM	4/12/2021	4/26/2021
N044934-004B	EX-23-Q221	Groundwater	4/12/2021 2:35:00 PM	4/12/2021	4/26/2021
N044934-004C	EX-23-Q221	Groundwater	4/12/2021 2:35:00 PM	4/12/2021	4/26/2021
N044934-004D	EX-23-Q221	Groundwater	4/12/2021 2:35:00 PM	4/12/2021	4/26/2021
N044934-004E	EX-23-Q221	Groundwater	4/12/2021 2:35:00 PM	4/12/2021	4/26/2021
N044934-005A	EX-59-Q221	Groundwater	4/12/2021 2:00:00 PM	4/12/2021	4/26/2021
N044934-005B	EX-59-Q221	Groundwater	4/12/2021 2:00:00 PM	4/12/2021	4/26/2021
N044934-005C	EX-59-Q221	Groundwater	4/12/2021 2:00:00 PM	4/12/2021	4/26/2021
N044934-005D	EX-59-Q221	Groundwater	4/12/2021 2:00:00 PM	4/12/2021	4/26/2021
N044934-006A	EB-726-Q221	Groundwater	4/12/2021 2:45:00 PM	4/12/2021	4/26/2021

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EPA ID CA01638**NEVADA** | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-001

Client Sample ID: MW-89D-Q221
Collection Date: 4/12/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1600	17	17	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-002

Client Sample ID: MW-89S-Q221
Collection Date: 4/12/2021 11:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3800	33	33	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-003

Client Sample ID: MW-22B-Q221
Collection Date: 4/12/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	910	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-004

Client Sample ID: EX-23-Q221
Collection Date: 4/12/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3100	33	33	mg/L	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-005

Client Sample ID: EX-59-Q221
Collection Date: 4/12/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	740	10	10	mg/L	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87085	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/14/2021			RunNo: 152090		
Client ID: LCSW	Batch ID: 87085	TestNo: SM2540C				Analysis Date: 4/14/2021			SeqNo: 4175163		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	967.000	10	1000	0	96.7	80	120				

Sample ID: MB-87085	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/14/2021			RunNo: 152090		
Client ID: PBW	Batch ID: 87085	TestNo: SM2540C				Analysis Date: 4/14/2021			SeqNo: 4175164		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID: N044917-017CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/14/2021			RunNo: 152090		
Client ID: ZZZZZZ	Batch ID: 87085	TestNo: SM2540C				Analysis Date: 4/14/2021			SeqNo: 4175168		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	6745.000	50						7050	4.42	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-001

Client Sample ID: MW-89D-Q221
Collection Date: 4/12/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87050	PrepDate: 4/13/2021	Analyst: CEI
Uranium	15 0.024 0.67	pCi/L	1 4/16/2021 09:33 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-002

Client Sample ID: MW-89S-Q221
Collection Date: 4/12/2021 11:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87050	PrepDate: 4/13/2021	Analyst: CEI
Uranium	83 0.024 0.67	pCi/L	1 4/16/2021 09:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-003

Client Sample ID: MW-22B-Q221
Collection Date: 4/12/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87050	PrepDate: 4/13/2021	Analyst: CEI
Uranium	22 0.024 0.67	pCi/L	1 4/16/2021 09:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-004

Client Sample ID: EX-23-Q221
Collection Date: 4/12/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87050	PrepDate: 4/13/2021	Analyst: CEI
Uranium	89 0.024 0.67	pCi/L	1 4/16/2021 09:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87050	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/13/2021	RunNo: 152188
Client ID: PBW	Batch ID: 87050	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180190
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID: LCS-87050	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/13/2021	RunNo: 152188
Client ID: LCSW	Batch ID: 87050	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180191
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.091	0.67	6.700	0	106 85 115

Sample ID: N044934-004EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/13/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87050	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180199
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	96.544	0.67	6.700	88.76	116 75 125

Sample ID: N044934-004EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/13/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87050	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180202
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	97.954	0.67	6.700	88.76	137 75 125 96.54 1.45 20 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: N044934-004E-PS		SampType: PS		TestCode: 200.8DIS_U_		Units: pCi/L		Prep Date:		RunNo: 152188			
Client ID: ZZZZZZ		Batch ID: 87050		TestNo: EPA 200.8				Analysis Date: 4/16/2021		SeqNo: 4180198			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		96.432		0.67	6.700	88.76	115	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-001

Client Sample ID: MW-89D-Q221
Collection Date: 4/12/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.74	0.033	0.20		µg/L	1	4/13/2021 11:33 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/15/2021 05:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-002

Client Sample ID: MW-89S-Q221
Collection Date: 4/12/2021 11:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.7	0.033	0.20		µg/L	1	4/13/2021 11:42 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	2.6	0.13	1.0		µg/L	1	4/15/2021 05:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-003

Client Sample ID: MW-22B-Q221
Collection Date: 4/12/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.5	0.033	0.20		µg/L	1	4/13/2021 11:52 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	8.1	0.13	1.0		µg/L	1	4/15/2021 06:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-004

Client Sample ID: EX-23-Q221
Collection Date: 4/12/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/13/2021 12:01 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	2.2	0.13	1.0		µg/L	1	4/19/2021 07:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-005

Client Sample ID: EX-59-Q221
Collection Date: 4/12/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	39	0.33	2.0		µg/L	10	4/13/2021 12:20 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	38	0.13	1.0		µg/L	1	4/15/2021 06:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-006

Client Sample ID: EB-726-Q221
Collection Date: 4/12/2021 2:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210415A	QC Batch: R152115				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/15/2021 01:02 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/13/2021 12:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPG**

Sample ID: MB-R152115	SampType: MBLK	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: PBW	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176062
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			

Sample ID: LCS-R152115	SampType: LCS	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: LCSW	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176063
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110 90 110

Sample ID: N044937-002AMS	SampType: MS	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176065
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110 90 110

Sample ID: N044937-002AMSD	SampType: MSD	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176066
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.217	0.060	0.2000	0	109 90 110 0.2195 0.961 20

Sample ID: N044917-019ADUP	SampType: DUP	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176068
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: MB-R152037	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: PBW	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172457						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R152037	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: LCSW	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172458						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 4.986 0.20 5.000 0 99.7 90 110

Sample ID: N044937-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172469						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 4.429 0.20 1.000 3.372 106 90 110

Sample ID: N044937-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172470						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 1.021 0.20 1.000 0 102 90 110

Sample ID: N044934-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172475						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 3.192 0.20 1.000 2.104 109 90 110

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044934-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6	Analysis Date: 4/13/2021	SeqNo: 4172476							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.180	0.20	1.000	2.104	108	90	110	3.192	0.377	20	

Sample ID: N044935-002ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152037			
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021				SeqNo: 4172484			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.855	0.20						4.885	0.616	20	

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87048	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: PBW	Batch ID: 87048	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/15/2021	SeqNo: 4177051
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87048	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: LCSW	Batch ID: 87048	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/15/2021	SeqNo: 4177052
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.162 1.0 10.00 0 102 85 115

Sample ID: N044934-004EMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4177451
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.231 1.0 10.00 2.197 90.3 75 125

Sample ID: N044934-004EMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4177452
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.249 1.0 10.00 2.197 90.5 75 125 11.23 0.163 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-001

Client Sample ID: MW-89D-Q221
Collection Date: 4/12/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015	PrepDate:	Analyst: RAB
Nitrate as N	13 0.17	1.0	mg/L
		20	4/13/2021 02:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-002

Client Sample ID: MW-89S-Q221
Collection Date: 4/12/2021 11:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015	PrepDate:	Analyst: RAB
Nitrate as N	70 0.44	2.5	mg/L
		50	4/13/2021 01:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-003

Client Sample ID: MW-22B-Q221
Collection Date: 4/12/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015	PrepDate:	Analyst: RAB
Nitrate as N	8.6 0.087 0.50	mg/L	10 4/13/2021 01:33 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-004

Client Sample ID: EX-23-Q221
Collection Date: 4/12/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015	PrepDate:	Analyst: RAB
Nitrate as N	28 0.44	2.5	mg/L 50 4/13/2021 12:17 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-005

Client Sample ID: EX-59-Q221
Collection Date: 4/12/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015	PrepDate:	Analyst: RAB
Nitrate as N	11 0.087 0.50	mg/L	10 4/13/2021 01:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID: LCS-R152015_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152015		
Client ID: LCSW	Batch ID: R152015	TestNo: EPA 300.0				Analysis Date: 4/13/2021			SeqNo: 4173091		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	1.240	0.050	1.250	0	99.2	90	110				

Sample ID: MB-R152015_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152015		
Client ID: PBW	Batch ID: R152015	TestNo: EPA 300.0				Analysis Date: 4/13/2021			SeqNo: 4173092		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	ND	0.050									

Sample ID: N044935-004BDUP	SampType: DUP	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152015		
Client ID: ZZZZZZ	Batch ID: R152015	TestNo: EPA 300.0				Analysis Date: 4/13/2021			SeqNo: 4173094		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	0.577	0.25						0.5755	0.260	20	

Sample ID: N044934-001BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152015		
Client ID: ZZZZZZ	Batch ID: R152015	TestNo: EPA 300.0				Analysis Date: 4/13/2021			SeqNo: 4173107		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	38.184	1.0	25.00	12.80	102	80	120				

Sample ID: N044934-004BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152015		
Client ID: ZZZZZZ	Batch ID: R152015	TestNo: EPA 300.0				Analysis Date: 4/13/2021			SeqNo: 4173110		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	89.965	2.5	62.50	27.86	99.4	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N044934-004BMSD	SampType: MSD	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152015						
Client ID: ZZZZZZ	Batch ID: R152015	TestNo: EPA 300.0	Analysis Date: 4/13/2021	SeqNo: 4173111							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	90.560	2.5	62.50	27.86	100	80	120	89.97	0.659	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-005

Client Sample ID: EX-59-Q221
Collection Date: 4/12/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	57	18	20		ug/L	1	4/20/2021 10:18 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87066	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: PBW	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS-87066	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: LCSW	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179581
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	89.270	20	100.0	0	89.3 85 115

Sample ID: N044903-015D-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179585
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	119.297	20	100.0	127.6	-8.33 75 125 S

Sample ID: N044903-015D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179586
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	223.889	20	100.0	127.6	96.3 75 125 119.3 61.0 20 R

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N044903-015D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:				RunNo: 152173			
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021				SeqNo: 4179584			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	185.139	20	100.0	127.6	57.5	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044934
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044934-005

Client Sample ID: EX-59-Q221
Collection Date: 4/12/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate:	4/13/2021	Analyst: CEI	
Arsenic	2.7	0.081	0.10		µg/L	1	4/15/2021 06:47 PM
Manganese	74	0.26	0.50		µg/L	1	4/15/2021 06:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044934
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87048	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132						
Client ID: PBW	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/15/2021	SeqNo: 4177121						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	0.10									
Manganese	ND	0.50									

Sample ID: LCS-87048	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132						
Client ID: LCSW	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/15/2021	SeqNo: 4177122						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.441	0.10	10.00	0	104	85	115				
Manganese	101.678	0.50	100.0	0	102	85	115				

Sample ID: N044934-004EMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140						
Client ID: ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4185088						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.567	0.10	10.00	0	106	75	125				
Manganese	92.762	0.50	100.0	0	92.8	75	125				

Sample ID: N044934-004EMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140						
Client ID: ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4185089						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.833	0.10	10.00	0	108	75	125	10.57	2.49	20	
Manganese	92.566	0.50	100.0	0	92.6	75	125	92.76	0.212	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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1 of 1

Client: Arcadis		Report to: Tonya Russi	Bill to: Lisa Kellogg	EDD Requirement:		QA/QC		Sample Receipt Condition																			
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis	Address: 2300 Clayton Road, Suite 400 Concord, CA 94520			Excel EDD		Y N																			
Email: tonya.russi@arcadis.com daniel.moore@critegen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678	Email to: lisa.kellogg@arcadis.com	P.O.#		Geotracker		RTNE																			
Phone: 1 916 865 3168	Fax:	Phone: 951.677.0577	Fax:			Labspec		RWQCB																			
Title: Field Tech						Others		CaTrans																			
Signature: [Signature] Date: 4/12/21						Specify:		LEVEL III																			
Project Name: PG&E Hinkley - ATU						EQ EDD		LEVEL IV																			
Project Number: 30046045						Global ID:		Regulatory																			
								Specify State:																			
								6. Method of Cooling:																			
								1 CC																			
								Sample Temp: 3.6°C																			
								Courier: ASSET																			
								Tracking No.:																			
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	C(VI) (E218.0)	NH4 ⁺ (E218.0)	SO4 ⁻² (E218.0)	NO3 ⁻ (E218.0)	NO2 ⁻ (E218.0)	TDS (SM2540C)	Gross Alpha/Beta (E900)	HNO3 (E200.8F)	HNO3 (E200.8F)	TPH-D (E015B) 3x1 Liter Amber Glass, 4°C	TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup, 3x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C	Anions (E300.0) SO4 ⁻² , 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks				
	N044934-01	MW-89D-Q221	4/12/2021	1038		X	X		X	X											6						
	-02	MW-89S-Q221	4/12/2021	1121		X	X		X	X											6						
	-03	MW-22B-Q221	4/12/2021	1220		X	X		X	X											6						
	-04	EX-23-Q221	4/12/2021	1435		X	X		X	X											6			MSMD			
	-05	EX-59-Q221	4/12/2021	1400		X	X		X					X	X	X	X				4						
	-06	EB-726-Q221	4/12/2021	1445		X															1						
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1520		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1520		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/12/21 1800			
Terms:		Special Instruction:		Preservatives:		Container Type:		Others/Specify:		Notes:		Remarks:		Comments:		Additional Info:		Contact:		Follow-up:		Archive:		Retention:			
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analyses. 3. Custom EDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for Level III Data Production, 15% for Level IV Data Production, Surcharge applied on all reports. 5. Top Metals and Equipment blanks are blank sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontracted analyses, TAT and Surcharges will vary.		TAT Starts at 8 AM the following day if samples received after 3:00PM.		H=HCL N=HNO3 S=H2SO4 C=4°C		T=Tube V=VOA P=Pint		Z=Zn(AC)2 O=NaOH T=N2S2O3		J=Jar B=Tedlar G=Glass		M=Metal M=Metal C=Can		Others/Specify: B (NH4)2SO4/NH4OH		Notes:		Remarks:		Comments:		Additional Info:		Contact:		Follow-up:	

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/12/2021

Workorder: N044934

Rep sample Temp (Deg C): 3.6/3.4

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YRJ

4/13/2021

Reviewed By:

ABC

4/14/2021

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044934

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044934-001A	MW-89D-Q221	4/12/2021 10:38:00 AM	4/26/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-001B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-001C			4/26/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-001D			4/26/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044934-001E			4/26/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	MW-89S-Q221	4/12/2021 11:21:00 AM	4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-002A			4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-002B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-002C			4/26/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-002D			4/26/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044934-002E			4/26/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	MW-22B-Q221	4/12/2021 12:20:00 PM	4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-003A			4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-003B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-003C			4/26/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044934

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044934-003D	MW-22B-Q221	4/12/2021 12:20:00 PM	4/26/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044934-003E			4/26/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-004A	EX-23-Q221	4/12/2021 2:35:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044934-004B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044934-004C			4/26/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044934-004D			4/26/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044934-004E			4/26/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044934-005A	EX-59-Q221	4/12/2021 2:00:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-005B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-005C			4/26/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-005D			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044934

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044934-005D	EX-59-Q221	4/12/2021 2:00:00 PM	4/26/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-006A	EB-726-Q221	4/12/2021 2:45:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044934-007A	FOLDER	4/26/2021	4/26/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/26/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/26/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

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3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Signed

14-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044934-001D / MW-89D-Q221	Groundwater	4/12/2021 10:38:00 AM	32OZP	1		
N044934-002D / MW-89S-Q221	Groundwater	4/12/2021 11:21:00 AM	32OZP	1		
N044934-003D / MW-22B-Q221	Groundwater	4/12/2021 12:20:00 PM	32OZP	1		
N044934-004D / EX-23-Q221	Groundwater	4/12/2021 2:35:00 PM	32OZP	1	(MS/MSD)	

Please run MS/MSD on sample N044934-004D / EX-23-Q221

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44934A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773446763630

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	4/14/2021 1300	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 26, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044935

RE: PG&E Hinkley - COMP B, 30046045

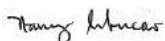
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 12, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044935

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery criteria in QC samples N044934-004EMSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (6.2 ug/L) and hexavalent chromium (4.9 ug/L) for sample N044935-002 (MW-179M-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.6 ug/L) and hexavalent chromium (0.65 ug/L) for sample N044935-003 (MW-46M-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044935

CASE NARRATIVE

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Iron in QC sample N044903-015D-MS possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS) and Matrix Spike Duplicate (MSD) is outside criteria; however, the associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (6.2 ug/L) and hexavalent chromium (4.9 ug/L) for sample N044935-002 (MW-179M-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 6.5 and 5.9 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.6 ug/L) and hexavalent chromium (0.65 ug/L) for sample N044935-003 (MW-46M-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.7 and 0.73 g/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044935
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044935-001A	MW-179D-Q221	Groundwater	4/12/2021 10:37:00 AM	4/12/2021	4/26/2021
N044935-001B	MW-179D-Q221	Groundwater	4/12/2021 10:37:00 AM	4/12/2021	4/26/2021
N044935-001C	MW-179D-Q221	Groundwater	4/12/2021 10:37:00 AM	4/12/2021	4/26/2021
N044935-001D	MW-179D-Q221	Groundwater	4/12/2021 10:37:00 AM	4/12/2021	4/26/2021
N044935-002A	MW-179M-Q221	Groundwater	4/12/2021 9:57:00 AM	4/12/2021	4/26/2021
N044935-002B	MW-179M-Q221	Groundwater	4/12/2021 9:57:00 AM	4/12/2021	4/26/2021
N044935-003A	MW-46M-Q221	Groundwater	4/12/2021 11:18:00 AM	4/12/2021	4/26/2021
N044935-003B	MW-46M-Q221	Groundwater	4/12/2021 11:18:00 AM	4/12/2021	4/26/2021
N044935-003C	MW-46M-Q221	Groundwater	4/12/2021 11:18:00 AM	4/12/2021	4/26/2021
N044935-003D	MW-46M-Q221	Groundwater	4/12/2021 11:18:00 AM	4/12/2021	4/26/2021
N044935-004A	MW-180RD-Q221	Groundwater	4/12/2021 12:07:00 PM	4/12/2021	4/26/2021
N044935-004B	MW-180RD-Q221	Groundwater	4/12/2021 12:07:00 PM	4/12/2021	4/26/2021
N044935-004C	MW-180RD-Q221	Groundwater	4/12/2021 12:07:00 PM	4/12/2021	4/26/2021
N044935-004D	MW-180RD-Q221	Groundwater	4/12/2021 12:07:00 PM	4/12/2021	4/26/2021
N044935-005A	MW-180RS-Q221	Groundwater	4/12/2021 12:42:00 PM	4/12/2021	4/26/2021
N044935-005B	MW-180RS-Q221	Groundwater	4/12/2021 12:42:00 PM	4/12/2021	4/26/2021
N044935-005C	MW-180RS-Q221	Groundwater	4/12/2021 12:42:00 PM	4/12/2021	4/26/2021
N044935-005D	MW-180RS-Q221	Groundwater	4/12/2021 12:42:00 PM	4/12/2021	4/26/2021
N044935-006A	MW-931-Q221	Groundwater	4/12/2021 12:52:00 PM	4/12/2021	4/26/2021
N044935-006B	MW-931-Q221	Groundwater	4/12/2021 12:52:00 PM	4/12/2021	4/26/2021
N044935-006C	MW-931-Q221	Groundwater	4/12/2021 12:52:00 PM	4/12/2021	4/26/2021
N044935-006D	MW-931-Q221	Groundwater	4/12/2021 12:52:00 PM	4/12/2021	4/26/2021
N044935-007A	MW-16-Q221	Groundwater	4/12/2021 1:29:00 PM	4/12/2021	4/26/2021
N044935-007B	MW-16-Q221	Groundwater	4/12/2021 1:29:00 PM	4/12/2021	4/26/2021
N044935-007C	MW-16-Q221	Groundwater	4/12/2021 1:29:00 PM	4/12/2021	4/26/2021
N044935-007D	MW-16-Q221	Groundwater	4/12/2021 1:29:00 PM	4/12/2021	4/26/2021
N044935-007E	MW-16-Q221	Groundwater	4/12/2021 1:29:00 PM	4/12/2021	4/26/2021
N044935-008A	EB-725-Q221	Groundwater	4/12/2021 2:19:00 PM	4/12/2021	4/26/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-007

Client Sample ID: MW-16-Q221
Collection Date: 4/12/2021 1:29:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414E	QC Batch: 87085			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	820	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-87085	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/14/2021	RunNo:	152090			
Client ID:	LCSW	Batch ID:	87085	TestNo:	SM2540C			Analysis Date:	4/14/2021	SeqNo:	4175163			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		967.000		10	1000	0		96.7	80	120				

Sample ID	MB-87085	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/14/2021	RunNo:	152090			
Client ID:	PBW	Batch ID:	87085	TestNo:	SM2540C			Analysis Date:	4/14/2021	SeqNo:	4175164			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N044917-017CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/14/2021	RunNo:	152090			
Client ID:	ZZZZZZ	Batch ID:	87085	TestNo:	SM2540C			Analysis Date:	4/14/2021	SeqNo:	4175168			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		6745.000		50							7050	4.42	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-007

Client Sample ID: MW-16-Q221
Collection Date: 4/12/2021 1:29:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87050	PrepDate: 4/13/2021	Analyst: CEI
Uranium	12 0.024 0.67	pCi/L	1 4/16/2021 10:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-87050	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/13/2021	RunNo: 152188
Client ID: PBW	Batch ID: 87050	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180190
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID LCS-87050	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/13/2021	RunNo: 152188
Client ID: LCSW	Batch ID: 87050	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180191
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.091	0.67	6.700	0	106 85 115

Sample ID N044934-004EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/13/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87050	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180199
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	96.544	0.67	6.700	88.76	116 75 125

Sample ID N044934-004EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/13/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87050	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180202
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	97.954	0.67	6.700	88.76	137 75 125 96.54 1.45 20 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID	N044934-004E-PS	SampType:	PS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:		RunNo:	152188			
Client ID:	ZZZZZZ	Batch ID:	87050	TestNo:	EPA 200.8			Analysis Date:	4/16/2021	SeqNo:	4180198			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		96.432		0.67	6.700	88.76		115	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-001

Client Sample ID: MW-179D-Q221
Collection Date: 4/12/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	20	0.17	1.0		µg/L	5	4/13/2021 01:17 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate:		Analyst: CEI		
Chromium	20	0.13	1.0		µg/L	1	4/15/2021 06:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-002

Client Sample ID: MW-179M-Q221
Collection Date: 4/12/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037			PrepDate:		Analyst: RAB	
Hexavalent Chromium	4.9	0.033	0.20		µg/L	1	4/13/2021 01:26 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	6.2	0.13	1.0		µg/L	1	4/15/2021 06:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-003

Client Sample ID: MW-46M-Q221
Collection Date: 4/12/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.65	0.033	0.20		µg/L	1	4/13/2021 01:36 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	1.6	0.13	1.0		µg/L	1	4/15/2021 07:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-004

Client Sample ID: MW-180RD-Q221
Collection Date: 4/12/2021 12:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	7.8	0.033	0.20		µg/L	1	4/13/2021 01:45 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	9.2	0.13	1.0		µg/L	1	4/15/2021 07:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-005

Client Sample ID: MW-180RS-Q221
Collection Date: 4/12/2021 12:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	49	0.33	2.0		µg/L	10	4/13/2021 04:07 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	50	0.13	1.0		µg/L	1	4/15/2021 07:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-006

Client Sample ID: MW-931-Q221
Collection Date: 4/12/2021 12:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	49	0.33	2.0		µg/L	10	4/13/2021 04:17 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	51	0.13	1.0		µg/L	1	4/15/2021 07:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-007

Client Sample ID: MW-16-Q221
Collection Date: 4/12/2021 1:29:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.3	0.033	0.20		µg/L	1	4/13/2021 03:39 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	2.2	0.13	1.0		µg/L	1	4/15/2021 07:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-008

Client Sample ID: EB-725-Q221
Collection Date: 4/12/2021 2:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210413A	QC Batch: R152037	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/13/2021 03:48 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R152037	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: PBW	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172457
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R152037	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: LCSW	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172458
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.986	0.20	5.000	0	99.7 90 110

Sample ID N044937-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: ZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172469
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.429	0.20	1.000	3.372	106 90 110

Sample ID N044937-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: ZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172470
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.021	0.20	1.000	0	102 90 110

Sample ID N044934-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: ZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172475
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.192	0.20	1.000	2.104	109 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N044934-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152037		
Client ID:	ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021				SeqNo: 4172476		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.180	0.20	1.000	2.104	108	90	110	3.192	0.377	20	

Sample ID	N044935-002ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152037			
Client ID:	ZZZZZZ	Batch ID:	R152037	TestNo:	EPA 218.6			Analysis Date:	4/13/2021	SeqNo:	4172484			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		4.855		0.20							4.885	0.616	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87048	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/13/2021	RunNo:	152132			
Client ID:	PBW	Batch ID:	87048	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/15/2021	SeqNo:	4177051			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-87048	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/13/2021	RunNo:	152132			
Client ID:	LCSW	Batch ID:	87048	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/15/2021	SeqNo:	4177052			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.162	1.0	10.00	0	102	85	115							
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Sample ID	N044934-004EMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/13/2021	RunNo:	152140		
Client ID:	ZZZZZZ	Batch ID:	87048	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177451		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	11.231	1.0	10.00	2.197	90.3	75	125							
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Sample ID	N044934-004EMSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/13/2021	RunNo:	152140			
Client ID:	ZZZZZZ	Batch ID:	87048	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177452			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	11.249	1.0	10.00	2.197	90.5	75	125	11.23	0.163	20				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-001

Client Sample ID: MW-179D-Q221
Collection Date: 4/12/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015			PrepDate:		Analyst: RAB
Nitrate as N	5.7	0.044	0.25	mg/L	5	4/13/2021 02:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-003

Client Sample ID: MW-46M-Q221
Collection Date: 4/12/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015	PrepDate:	Analyst: RAB
Nitrate as N	19 0.17 1.0	mg/L	20 4/13/2021 02:19 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-004

Client Sample ID: MW-180RD-Q221
Collection Date: 4/12/2021 12:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/13/2021 10:30 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015			PrepDate:		Analyst: RAB
Nitrate as N	0.58	0.044	0.25	mg/L	5	4/13/2021 10:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-005

Client Sample ID: MW-180RS-Q221
Collection Date: 4/12/2021 12:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/13/2021 10:45 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015			PrepDate:		Analyst: RAB
Nitrate as N	15	0.087	0.50	mg/L	10	4/13/2021 02:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-006

Client Sample ID: MW-931-Q221
Collection Date: 4/12/2021 12:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/13/2021 11:00 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015			PrepDate:		Analyst: RAB
Nitrate as N	15	0.087	0.50	mg/L	10	4/13/2021 03:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-007

Client Sample ID: MW-16-Q221
Collection Date: 4/12/2021 1:29:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210413A	QC Batch: R152015	PrepDate:	Analyst: RAB
Nitrate as N	1.7 0.017 0.10	mg/L	2 4/13/2021 12:02 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID	LCS-R152015_PO4	SampType:	LCS	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152015			
Client ID:	LCSW	Batch ID:	R152015	TestNo:	EPA 300.0			Analysis Date:	4/13/2021	SeqNo:	4173153			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		1.197		0.10	1.250	0		95.7	90	110				

Sample ID	MB-R152015_PO4	SampType:	MBLK	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152015			
Client ID:	PBW	Batch ID:	R152015	TestNo:	EPA 300.0			Analysis Date:	4/13/2021	SeqNo:	4173154			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		ND		0.10										

Sample ID	N044935-004BMS	SampType:	MS	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152015			
Client ID:	ZZZZZZ	Batch ID:	R152015	TestNo:	EPA 300.0			Analysis Date:	4/13/2021	SeqNo:	4173158			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		5.485		0.50	6.250	0		87.8	80	120				

Sample ID	N044935-004BMSD	SampType:	MSD	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152015			
Client ID:	ZZZZZZ	Batch ID:	R152015	TestNo:	EPA 300.0			Analysis Date:	4/13/2021	SeqNo:	4173159			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		6.370		0.50	6.250	0		102	80	120	5.484	14.9	20	

Sample ID	N044935-004BDUP	SampType:	DUP	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152015			
Client ID:	ZZZZZZ	Batch ID:	R152015	TestNo:	EPA 300.0			Analysis Date:	4/13/2021	SeqNo:	4173160			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		ND		0.50							0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	LCS-R152015_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152015					
Client ID:	LCSW	Batch ID: R152015	TestNo: EPA 300.0	Analysis Date: 4/13/2021	SeqNo: 4173091						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.240 0.050 1.250 0 99.2 90 110

Sample ID	MB-R152015_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152015					
Client ID:	PBW	Batch ID: R152015	TestNo: EPA 300.0	Analysis Date: 4/13/2021	SeqNo: 4173092						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID	N044935-004BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152015					
Client ID:	ZZZZZZ	Batch ID: R152015	TestNo: EPA 300.0	Analysis Date: 4/13/2021	SeqNo: 4173094						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 0.577 0.25 0.5755 0.260 20

Sample ID	N044934-001BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152015					
Client ID:	ZZZZZZ	Batch ID: R152015	TestNo: EPA 300.0	Analysis Date: 4/13/2021	SeqNo: 4173107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 38.184 1.0 25.00 12.80 102 80 120

Sample ID	N044934-004BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152015					
Client ID:	ZZZZZZ	Batch ID: R152015	TestNo: EPA 300.0	Analysis Date: 4/13/2021	SeqNo: 4173110						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 89.965 2.5 62.50 27.86 99.4 80 120

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N044934-004BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152015	
Client ID:	ZZZZZZ	Batch ID:	R152015	TestNo:	EPA 300.0			Analysis Date:	4/13/2021	SeqNo:	4173111	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		90.560	2.5	62.50	27.86	100	80	120	89.97	0.659	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-001

Client Sample ID: MW-179D-Q221
Collection Date: 4/12/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 03:56 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-003

Client Sample ID: MW-46M-Q221
Collection Date: 4/12/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 04:12 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-004

Client Sample ID: MW-180RD-Q221
Collection Date: 4/12/2021 12:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 04:27 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-005

Client Sample ID: MW-180RS-Q221
Collection Date: 4/12/2021 12:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 04:42 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-006

Client Sample ID: MW-931-Q221
Collection Date: 4/12/2021 12:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210413A	QC Batch: R152019			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/13/2021 04:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID MB-R152019	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: PBW	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171851
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID LCS-R152019	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: LCSW	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171852
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.662	1.0	5.000	0	93.2 85 115

Sample ID N044844-003CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: ZZZZZZ	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171854
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.724	1.0	5.000	0.3281	87.9 75 125

Sample ID N044844-003CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152019
Client ID: ZZZZZZ	Batch ID: R152019	TestNo: SM 5310C		Analysis Date: 4/13/2021	SeqNo: 4171855
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.755	1.0	5.000	0.3281	88.5 75 125 4.724 0.652 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-001

Client Sample ID: MW-179D-Q221
Collection Date: 4/12/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	110	18	20		ug/L	1	4/20/2021 10:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-003

Client Sample ID: MW-46M-Q221
Collection Date: 4/12/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	41	18	20		ug/L	1	4/23/2021 01:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-004

Client Sample ID: MW-180RD-Q221
Collection Date: 4/12/2021 12:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	49	18	20		ug/L	1	4/20/2021 01:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-005

Client Sample ID: MW-180RS-Q221
Collection Date: 4/12/2021 12:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	45	18	20		ug/L	1	4/20/2021 01:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-006

Client Sample ID: MW-931-Q221
Collection Date: 4/12/2021 12:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	61	18	20		ug/L	1	4/20/2021 10:47 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID MB-87066	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: PBW	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID LCS-87066	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: LCSW	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179581
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	89.270	20	100.0	0	89.3 85 115

Sample ID N044903-015D-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179585
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	119.297	20	100.0	127.6	-8.33 75 125 S

Sample ID N044903-015D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179586
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	223.889	20	100.0	127.6	96.3 75 125 119.3 61.0 20 R

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID	N044903-015D-PS	SampType:	PS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:		RunNo:	152173
Client ID:	ZZZZZZ	Batch ID:	87066	TestNo:	EPA 6010B EPA 3010A			Analysis Date:	4/20/2021	SeqNo:	4179584
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Iron		185.139		20	100.0	127.6	57.5	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-001

Client Sample ID: MW-179D-Q221
Collection Date: 4/12/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate: 4/13/2021		Analyst: CEI
Arsenic	0.76	0.081	0.10	µg/L	1	4/15/2021 06:53 PM
Manganese	0.85	0.26	0.50	µg/L	1	4/15/2021 06:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-003

Client Sample ID: MW-46M-Q221
Collection Date: 4/12/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210418A	QC Batch: 87048			PrepDate: 4/13/2021		Analyst: CEI
Arsenic	0.47	0.081	0.10	µg/L	1	4/19/2021 08:00 AM
Manganese	1.0	0.26	0.50	µg/L	1	4/15/2021 07:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-004

Client Sample ID: MW-180RD-Q221
Collection Date: 4/12/2021 12:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate: 4/13/2021		Analyst: CEI
Arsenic	2.3	0.081	0.10	µg/L	1	4/15/2021 07:11 PM
Manganese	20	0.26	0.50	µg/L	1	4/15/2021 07:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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 ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
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 ELAP Cert 2676 | NV Cert NV00922
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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-005

Client Sample ID: MW-180RS-Q221
Collection Date: 4/12/2021 12:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate: 4/13/2021		Analyst: CEI
Arsenic	1.2	0.081	0.10	µg/L	1	4/15/2021 07:17 PM
Manganese	2.7	0.26	0.50	µg/L	1	4/15/2021 07:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



ASSET LABORATORIES
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"Serving Clients with Passion and Professionalism"

ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044935
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044935-006

Client Sample ID: MW-931-Q221
Collection Date: 4/12/2021 12:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate: 4/13/2021		Analyst: CEI
Arsenic	1.3	0.081	0.10	µg/L	1	4/15/2021 07:23 PM
Manganese	2.6	0.26	0.50	µg/L	1	4/15/2021 07:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044935
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID MB-87048	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: PBW	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/15/2021	SeqNo: 4177121
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID LCS-87048	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: LCSW	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/15/2021	SeqNo: 4177122
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.441	0.10	10.00	0	104	85	115
Manganese	101.678	0.50	100.0	0	102	85	115

Sample ID N044934-004EMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4185088
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.567	0.10	10.00	0	106	75	125
Manganese	92.762	0.50	100.0	0	92.8	75	125

Sample ID N044934-004EMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4185089
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.833	0.10	10.00	0	108	75	125	10.57	2.49	20
Manganese	92.566	0.50	100.0	0	92.6	75	125	92.76	0.212	20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page

1 of 1

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California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled	
Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: lisa.kellogg@arcadis.com		GeoTracker		RWQCB		2. Headspace	
Phone: 1 916 865 3168		Fax:		P.O.#		LabSpec		CalTrans		3. Container Intact	
Submitted By: Brian Martinez		Roseville, CA 95678		Phone: 951.677.0577		Others		LEVEL III		4. Seal Present	
Title: Field Tech		Signature: <i>[Signature]</i> Date: 4/12/21		Signature: <i>[Signature]</i> Date: 4/12/21		Specify: EQ EDD		LEVEL IV		5. IR number	
Project Name: PG&E Hinkley - COMP B		Signature: <i>[Signature]</i> Date: 4/12/21		Signature: <i>[Signature]</i> Date: 4/12/21		Global ID:		Regulatory		6. Method of Cooling:	
Project Number: 30046045		Signature: <i>[Signature]</i> Date: 4/12/21		Signature: <i>[Signature]</i> Date: 4/12/21				Specify State:		Sample Temp: 3.4°C/2.4°C	
Matrix		Ground-water		Sediment						Courier: ASSET	
Potable		Soil		Other Solid						Tracking No.:	
NPDES		Surface								Remarks	
Sample ID/Location		Sample Date		Sample Time		Others		Turn Around Time		No. of Container	
N044935-01		MW-179D-Q221		4/12/2021		1037		E 6			
-02		MW-179M-Q221		4/12/2021		0957		E 2			
-03		MW-46M-Q221		4/12/2021		1118		E 6			
-04		MW-180RD-Q221		4/12/2021		1207		E 6			
-05		MW-180RS-Q221		4/12/2021		1242		E 6			
-06		MW-931-Q221		4/12/2021		1252		E 6			
-07		MW-16-Q221		4/12/2021		1329		E 6			
-08		EB-725-Q221		4/12/2021		1418		E 1			
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/12/21 1520		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/12/21 1520		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/12/21 1801		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/12/21 1801		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/12/21 1801		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/12/21 1801		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/12/21 1801		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/12/21 1801		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays			
Terms		Terms		Terms		Terms		TAT Starts at 8 AM the following day if samples received after 3:00PM.			
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.		3. Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20% 5 Workdays = 10% 6 Workdays = 5% 7 Workdays = 0%		4. Custom EDD formats will be an additional 3% of the total project price.		Preservatives:		Container Type:	
5. Trip Blanks and Equipment Blanks are blank sample.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 days.		8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		H=HCL N=HNO3 S=H2SO4 C=4°C T=Tube V=VOA P=Pin		Z=Zn(AC) O=NaOH T=Na2S2O3 J=Jar B=Tedlar G=Glass	
9. For submittal analysis, TAT and Surcharges will vary.								Others/Specify: B (NH4)2SO4/NH4OH		M=Metal M=Metal C=Can	

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/12/2021

Workorder: N044935

Rep sample Temp (Deg C): 3.4/2.4

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/13/2021

Reviewed By: ABC 4/14/2021

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044935

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044935-001A	MW-179D-Q221	4/12/2021 10:37:00 AM	4/26/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-001B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-001C			4/26/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-001D			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-002A	MW-179M-Q221	4/12/2021 9:57:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-002B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-003A	MW-46M-Q221	4/12/2021 11:18:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-003B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-003C			4/26/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-003D			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-004A	MW-180RD-Q221	4/12/2021 12:07:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-004B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044935

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044935-004C	MW-180RD-Q221	4/12/2021 12:07:00 PM	4/26/2021	Groundwater	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-004D			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-005A	MW-180RS-Q221	4/12/2021 12:42:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-005B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-005C			4/26/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-005D			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-006A	MW-931-Q221	4/12/2021 12:52:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-006B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-006C			4/26/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-006D			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044935

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044935-006D	MW-931-Q221	4/12/2021 12:52:00 PM	4/26/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044935-007A	MW-16-Q221	4/12/2021 1:29:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-007B			4/26/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-007C			4/26/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-007D			4/26/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044935-007E			4/26/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-008A	EB-725-Q221	4/12/2021 2:19:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044935-009A	FOLDER	4/26/2021	4/26/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/26/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/26/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV

Subcontractor:

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Andrew Phan

14-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044935-007D / MW-16-Q221	Groundwater	4/12/2021 1:29:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44935A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773446763630

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	<u>4/14/2021 1300</u>	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 26, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044936

RE: PG&E Hinkley - GMP, 30046045

Attention: Tonya Russi

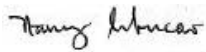
Enclosed are the results for sample(s) received on April 12, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an amended report. Please disregard all previous documentation that corresponds to the page(s) enclosed.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044936

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (3.1 ug/L) and hexavalent chromium (1.8 ug/L) for sample N044936-001 (MW-102S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (3.7 ug/L) and hexavalent chromium (1.9 ug/L) for sample N044936-002 (MW-95D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.9 ug/L) and hexavalent chromium (1.1 ug/L) for sample N044936-010 (MW-103D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.3 ug/L) and hexavalent chromium (0.55 ug/L) for sample N044936-011 (MW-103S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (3.1 ug/L) and hexavalent chromium (1.8 ug/L) for sample N044936-001 (MW-102S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.2 and 2.8 g/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (3.7 ug/L) and hexavalent chromium (1.9 ug/L) for



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044936

CASE NARRATIVE

sample N044936-002 (MW-95D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.0 and 2.4 g/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.9 ug/L) and hexavalent chromium (1.1 ug/L) for sample N044936-010 (MW-103D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.0 and 1.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.3 ug/L) and hexavalent chromium (0.55 ug/L) for sample N044936-011 (MW-102S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.3 and 0.69 g/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N044936**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044936-001A	MW-102S-Q221	Groundwater	4/12/2021 12:52:00 PM	4/12/2021	4/26/2021
N044936-001B	MW-102S-Q221	Groundwater	4/12/2021 12:52:00 PM	4/12/2021	4/26/2021
N044936-002A	MW-95D-Q221	Groundwater	4/12/2021 1:52:00 PM	4/12/2021	4/26/2021
N044936-002B	MW-95D-Q221	Groundwater	4/12/2021 1:52:00 PM	4/12/2021	4/26/2021
N044936-003A	MW-112D-Q221	Groundwater	4/12/2021 2:35:00 PM	4/12/2021	4/26/2021
N044936-003B	MW-112D-Q221	Groundwater	4/12/2021 2:35:00 PM	4/12/2021	4/26/2021
N044936-004A	MW-96D-Q221	Groundwater	4/12/2021 12:47:00 PM	4/12/2021	4/26/2021
N044936-004B	MW-96D-Q221	Groundwater	4/12/2021 12:47:00 PM	4/12/2021	4/26/2021
N044936-005A	MW-116D2-Q221	Groundwater	4/12/2021 10:31:00 AM	4/12/2021	4/26/2021
N044936-005B	MW-116D2-Q221	Groundwater	4/12/2021 10:31:00 AM	4/12/2021	4/26/2021
N044936-006A	MW-116S-Q221	Groundwater	4/12/2021 11:14:00 AM	4/12/2021	4/26/2021
N044936-006B	MW-116S-Q221	Groundwater	4/12/2021 11:14:00 AM	4/12/2021	4/26/2021
N044936-007A	MW-950-Q221	Groundwater	4/12/2021 11:24:00 AM	4/12/2021	4/26/2021
N044936-007B	MW-950-Q221	Groundwater	4/12/2021 11:24:00 AM	4/12/2021	4/26/2021
N044936-008A	MW-143D1-Q221	Groundwater	4/12/2021 1:34:00 PM	4/12/2021	4/26/2021
N044936-008B	MW-143D1-Q221	Groundwater	4/12/2021 1:34:00 PM	4/12/2021	4/26/2021
N044936-009A	MW-143D2-Q221	Groundwater	4/12/2021 2:17:00 PM	4/12/2021	4/26/2021
N044936-009B	MW-143D2-Q221	Groundwater	4/12/2021 2:17:00 PM	4/12/2021	4/26/2021
N044936-010A	MW-103D-Q221	Groundwater	4/12/2021 12:36:00 PM	4/12/2021	4/26/2021
N044936-010B	MW-103D-Q221	Groundwater	4/12/2021 12:36:00 PM	4/12/2021	4/26/2021
N044936-011A	MW-103S-Q221	Groundwater	4/12/2021 12:02:00 PM	4/12/2021	4/26/2021
N044936-011B	MW-103S-Q221	Groundwater	4/12/2021 12:02:00 PM	4/12/2021	4/26/2021
N044936-012A	MW-144D1-Q221	Groundwater	4/12/2021 10:26:00 AM	4/12/2021	4/26/2021
N044936-012B	MW-144D1-Q221	Groundwater	4/12/2021 10:26:00 AM	4/12/2021	4/26/2021
N044936-013A	MW-144D2-Q221	Groundwater	4/12/2021 11:07:00 AM	4/12/2021	4/26/2021
N044936-013B	MW-144D2-Q221	Groundwater	4/12/2021 11:07:00 AM	4/12/2021	4/26/2021
N044936-014A	MW-138S1-Q221	Groundwater	4/12/2021 9:42:00 AM	4/12/2021	4/26/2021
N044936-014B	MW-138S1-Q221	Groundwater	4/12/2021 9:42:00 AM	4/12/2021	4/26/2021
N044936-015A	MW-09-Q221	Groundwater	4/12/2021 1:37:00 PM	4/12/2021	4/26/2021

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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044936
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044936-015B	MW-09-Q221	Groundwater	4/12/2021 1:37:00 PM	4/12/2021	4/26/2021
N044936-016A	MW-102D-Q221	Groundwater	4/12/2021 12:14:00 PM	4/12/2021	4/26/2021
N044936-016B	MW-102D-Q221	Groundwater	4/12/2021 12:14:00 PM	4/12/2021	4/26/2021
N044936-017A	MW-95S-Q221	Groundwater	4/12/2021 2:44:00 PM	4/12/2021	4/26/2021
N044936-017B	MW-95S-Q221	Groundwater	4/12/2021 2:44:00 PM	4/12/2021	4/26/2021
N044936-018A	MW-147D-Q221	Groundwater	4/12/2021 10:36:00 AM	4/12/2021	4/26/2021
N044936-018B	MW-147D-Q221	Groundwater	4/12/2021 10:36:00 AM	4/12/2021	4/26/2021
N044936-019A	MW-147S-Q221	Groundwater	4/12/2021 11:18:00 AM	4/12/2021	4/26/2021
N044936-019B	MW-147S-Q221	Groundwater	4/12/2021 11:18:00 AM	4/12/2021	4/26/2021
N044936-020A	MW-112S-Q221	Groundwater	4/12/2021 1:39:00 PM	4/12/2021	4/26/2021
N044936-020B	MW-112S-Q221	Groundwater	4/12/2021 1:39:00 PM	4/12/2021	4/26/2021
N044936-021A	MW-96S-Q221	Groundwater	4/12/2021 12:12:00 PM	4/12/2021	4/26/2021
N044936-021B	MW-96S-Q221	Groundwater	4/12/2021 12:12:00 PM	4/12/2021	4/26/2021
N044936-022A	MW-116D1-Q221	Groundwater	4/12/2021 9:44:00 AM	4/12/2021	4/26/2021
N044936-022B	MW-116D1-Q221	Groundwater	4/12/2021 9:44:00 AM	4/12/2021	4/26/2021
N044936-023A	EB-724-Q221	Groundwater	4/12/2021 3:00:00 PM	4/12/2021	4/26/2021
N044936-024A	EB-727-Q221	Groundwater	4/12/2021 2:45:00 PM	4/12/2021	4/26/2021
N044936-025A	EB-728-Q221	Groundwater	4/12/2021 2:44:00 PM	4/12/2021	4/26/2021



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-001

Client Sample ID: MW-102S-Q221
Collection Date: 4/12/2021 12:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.8	0.033	0.20		µg/L	1	4/13/2021 03:20 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	3.1	0.13	1.0		µg/L	1	4/15/2021 08:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-002

Client Sample ID: MW-95D-Q221
Collection Date: 4/12/2021 1:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/13/2021 03:29 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415A	QC Batch: 87049			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	3.7	0.13	1.0		µg/L	1	4/15/2021 08:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-003

Client Sample ID: MW-112D-Q221
Collection Date: 4/12/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/13/2021 06:05 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	2.4	0.13	1.0		µg/L	1	4/19/2021 08:06 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-004

Client Sample ID: MW-96D-Q221
Collection Date: 4/12/2021 12:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038	PrepDate: Analyst: RAB					
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/13/2021 06:14 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87049	PrepDate: 4/13/2021 Analyst: CEI					
Chromium	ND	0.13	1.0		µg/L	1	4/19/2021 08:23 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-005

Client Sample ID: MW-116D2-Q221
Collection Date: 4/12/2021 10:31:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.93	0.033	0.20		µg/L	1	4/13/2021 06:43 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	1.1	0.13	1.0		µg/L	1	4/19/2021 08:29 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-006

Client Sample ID: MW-116S-Q221
Collection Date: 4/12/2021 11:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/13/2021 06:52 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	1.6	0.13	1.0		µg/L	1	4/19/2021 08:35 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-007

Client Sample ID: MW-950-Q221
Collection Date: 4/12/2021 11:24:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/13/2021 07:02 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	1.5	0.13	1.0		µg/L	1	4/19/2021 08:41 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-008

Client Sample ID: MW-143D1-Q221
Collection Date: 4/12/2021 1:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.6	0.033	0.20		µg/L	1	4/13/2021 07:11 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/19/2021 08:47 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-009

Client Sample ID: MW-143D2-Q221
Collection Date: 4/12/2021 2:17:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.7	0.033	0.20		µg/L	1	4/13/2021 07:20 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87049			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	2.1	0.13	1.0		µg/L	1	4/19/2021 08:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-010

Client Sample ID: MW-103D-Q221
Collection Date: 4/12/2021 12:36:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/13/2021 07:30 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	1.9	0.13	1.0		µg/L	1	4/19/2021 08:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-011

Client Sample ID: MW-103S-Q221
Collection Date: 4/12/2021 12:02:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.55	0.033	0.20		µg/L	1	4/13/2021 07:39 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	1.3	0.13	1.0		µg/L	1	4/19/2021 09:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-012

Client Sample ID: MW-144D1-Q221
Collection Date: 4/12/2021 10:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.1	0.033	0.20		µg/L	1	4/13/2021 07:49 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	1.6	0.13	1.0		µg/L	1	4/19/2021 09:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-013

Client Sample ID: MW-144D2-Q221
Collection Date: 4/12/2021 11:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.61	0.033	0.20		µg/L	1	4/13/2021 07:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87049			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	1.0	0.13	1.0		µg/L	1	4/19/2021 09:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-014

Client Sample ID: MW-138S1-Q221
Collection Date: 4/12/2021 9:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.9	0.033	0.20		µg/L	1	4/13/2021 05:04 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	4.9	0.13	1.0		µg/L	1	4/19/2021 09:34 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-015

Client Sample ID: MW-09-Q221
Collection Date: 4/12/2021 1:37:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.033	0.20		µg/L	1	4/13/2021 08:08 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	2.7	0.13	1.0		µg/L	1	4/19/2021 09:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-016

Client Sample ID: MW-102D-Q221
Collection Date: 4/12/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.6	0.033	0.20		µg/L	1	4/13/2021 08:36 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/19/2021 09:46 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-017

Client Sample ID: MW-95S-Q221
Collection Date: 4/12/2021 2:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	7.1	0.033	0.20		µg/L	1	4/13/2021 08:46 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	7.0	0.13	1.0		µg/L	1	4/19/2021 09:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-018

Client Sample ID: MW-147D-Q221
Collection Date: 4/12/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/13/2021 05:14 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87049			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	2.1	0.13	1.0		µg/L	1	4/19/2021 09:58 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-019

Client Sample ID: MW-147S-Q221
Collection Date: 4/12/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/13/2021 08:55 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87049			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	2.7	0.13	1.0		µg/L	1	4/19/2021 10:04 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-020

Client Sample ID: MW-112S-Q221
Collection Date: 4/12/2021 1:39:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413C	QC Batch: R152039		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.3	0.033	0.20		µg/L	1	4/13/2021 09:52 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87049		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	3.4	0.13	1.0		µg/L	1	4/19/2021 10:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-021

Client Sample ID: MW-96S-Q221
Collection Date: 4/12/2021 12:12:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413C	QC Batch: R152039		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.033	0.20		µg/L	1	4/13/2021 10:49 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/15/2021 07:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-022

Client Sample ID: MW-116D1-Q221
Collection Date: 4/12/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413C	QC Batch: R152039			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/13/2021 10:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	2.2	0.13	1.0		µg/L	1	4/15/2021 07:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-023

Client Sample ID: EB-724-Q221
Collection Date: 4/12/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210413B	QC Batch: R152038	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/13/2021 09:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-024

Client Sample ID: EB-727-Q221
Collection Date: 4/12/2021 2:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210413B	QC Batch: R152038	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/13/2021 09:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 26-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044936
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044936-025

Client Sample ID: EB-728-Q221
Collection Date: 4/12/2021 2:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413B	QC Batch: R152038		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/13/2021 09:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044936
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152037	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: PBW	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172457
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152037	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: LCSW	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172458
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.986	0.20	5.000	0	99.7 90 110

Sample ID: N044937-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: ZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172469
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.429	0.20	1.000	3.372	106 90 110

Sample ID: N044937-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: ZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172470
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.021	0.20	1.000	0	102 90 110

Sample ID: N044934-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037
Client ID: ZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172475
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.192	0.20	1.000	2.104	109 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044936
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044934-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152037			
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021				SeqNo: 4172476			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.180	0.20	1.000	2.104	108	90	110	3.192	0.377	20	

Sample ID: N044935-002ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152037			
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021				SeqNo: 4172484			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.855	0.20						4.885	0.616	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044936
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R152038	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152038						
Client ID: LCSW	Batch ID: R152038	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172495						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.025	0.20	5.000	0	100	90	110				
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Sample ID: MB-R152038	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152038						
Client ID: PBW	Batch ID: R152038	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172496						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: N044936-014AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152038						
Client ID: ZZZZZZ	Batch ID: R152038	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	10.045	0.20	5.000	4.897	103	90	110				
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Sample ID: N044936-014AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152038						
Client ID: ZZZZZZ	Batch ID: R152038	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	10.111	0.20	5.000	4.897	104	90	110	10.05	0.654	20	
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Sample ID: N044936-018ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152038						
Client ID: ZZZZZZ	Batch ID: R152038	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172501						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.921	0.20						1.899	1.14	20	
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044936
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044936-018AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152038						
Client ID: ZZZZZZ	Batch ID: R152038	TestNo: EPA 218.6	Analysis Date: 4/13/2021	SeqNo: 4172502							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	2.985	0.20	1.000	1.899	109	90	110				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044936
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: MB-R152039	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152039						
Client ID: PBW	Batch ID: R152039	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172533						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R152039	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152039						
Client ID: LCSW	Batch ID: R152039	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172534						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 4.969 0.20 5.000 0 99.4 90 110

Sample ID: N044936-020ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152039						
Client ID: ZZZZZZ	Batch ID: R152039	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172536						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 3.283 0.20 3.326 1.30 20

Sample ID: N044936-020AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152039						
Client ID: ZZZZZZ	Batch ID: R152039	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172539						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 8.544 0.20 5.000 3.326 104 90 110

Sample ID: N044936-020AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152039						
Client ID: ZZZZZZ	Batch ID: R152039	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172540						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 8.634 0.20 5.000 3.326 106 90 110 8.544 1.04 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044936
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87048	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: PBW	Batch ID: 87048	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/15/2021	SeqNo: 4177051
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87048	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: LCSW	Batch ID: 87048	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/15/2021	SeqNo: 4177052
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.162 1.0 10.00 0 102 85 115

Sample ID: N044934-004EMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4177451
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.231 1.0 10.00 2.197 90.3 75 125

Sample ID: N044934-004EMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4177452
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.249 1.0 10.00 2.197 90.5 75 125 11.23 0.163 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044936
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87049	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: PBW	Batch ID: 87049	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/15/2021	SeqNo: 4177077
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87049	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: LCSW	Batch ID: 87049	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/15/2021	SeqNo: 4177078
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.887 1.0 10.00 0 98.9 85 115

Sample ID: N044936-001B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: ZZZZZZ	Batch ID: 87049	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/15/2021	SeqNo: 4177082
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 12.130 1.0 10.00 3.122 90.1 75 125

Sample ID: N044936-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132
Client ID: ZZZZZZ	Batch ID: 87049	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/15/2021	SeqNo: 4177083
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 12.020 1.0 10.00 3.122 89.0 75 125 12.13 0.913 20

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
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Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y	
Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		Geotracker		RWQCB		1. Chilled	
Phone: 1 916 865 3168		Fax:		P.O.#		Labspec		CalTrans		2. Headspace	
Submitted By: Andrew Phan		Phone: 1 916 865 3168		Fax:		Others		LEVEL III		3. Container Intact	
Title: Field Tech		Signature: Brian Martinez		Date: 04/12/21		Specify: EQ EDD		LEVEL IV		4. Seal Present	
Project Name: PG&E Hinkley - GMP		Signature: [Signature]		Date: 4/12/21		Global ID:		Regulatory		5. IR number	
Project Number: 30046045		Matrix		Ground-water		Specify State:		6. Method of Cooling:		JEL	
Sampled By: Brian Martinez		Potable		Soil		Sample Temp: 13.1°C/55.6°F		Courier: ASSET		Tracking No.:	
NPDES		Other Solid		Surface		Remarks					
Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly		Anions (E300.0) NO3N; 4°C, 1000ml Poly		Ortho-Phosphate (E300.0); 4°C, 1000ml Poly		TDS (SM2540C); 4°C, 1000ml Poly		Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C	
Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly		Metals Dissolved (6010BDia) Fe; HNO3, 4°C; 500 ml Poly		Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly		Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly		Uranium (E200.8F) HNO3, 4°C; 500 ml Poly		TPH-D (6015B) 3x1 Liter Amber Glass, 4°C	
TPH-D (6015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (6015B) 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (6015B) Silica Gel Cleanup, 3x1 Liter Amber Glass, 4°C		TOC (SM5310) H2SO4, 4°C		Anions (E300.0) SO4; 4°C; 1000ml Poly			
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others	
N044936-01		MW-102S-Q221		4/12/2021		1252					
-02		MW-95D-Q221		4/12/2021		1352					
-03		MW-112D-Q221		4/12/2021		1435					
-04		MW-96D-Q221		4/12/2021		1247					
-05		MW-116D2-Q221		4/12/2021		1031					
-06		MW-116S-Q221		4/12/2021		1114					
-07		MW-950-Q221		4/12/2021		1124					
-08		MW-143D1-Q221		4/12/2021		1334					
-09		MW-143D2-Q221		4/12/2021		1417					
-10		MW-103D-Q221		4/12/2021		1236					
-11		MW-103S-Q221		4/12/2021		1202					
-12		MW-144D1-Q221		4/12/2021		1026					
-13		MW-144D2-Q221		4/12/2021		1107					
Relinquished by (Signature and Printed Name): Andrew Phan 04/12/21 1520		Date/Time: 04/12/21 1520		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/12/21 1520		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name): Jordan Phan 4/12/21 1801		Date/Time: 4/12/21 1801		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/12/21 1801		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays			
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		TAT Starts at 8 AM the following day if samples received after 3:00PM.			
Terms		5. Trip Blanks and Equipment Blanks are billable samples.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 days.		8. All reports are submitted in electronic format. Please Inform ASSET Laboratories if hard copy of report is needed.		9. For subcontract analysis, TAT and Surcharges will vary.	
1. All samples will be disposed in 45 days and records will be destroyed in 6 years upon submission of final report.		2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis		Less than 24 Hrs=200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20%		3. Custom EDD formats will be an additional 3% of the total project price.		4. Add 15% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total			
Preservatives:		N=HNO3		S=H2SO4		C=4°C		Container Type:			
H=HCL		O=NaOH		T=Na2S2O3				T=Tube		V=VOA	
Z=Zn(AC)2								J=Jar		B=Tedlar	
Others/Specify:		B (NH4)2SO4/NH4OH						M=Metal		P=Plint	
								G=Glass		C=Can	



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P: 562.219.7435 F: 562.219.7436

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Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N	
Phone: 1 916 865 3168 Fax: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@cirtigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		P.O.#		Global ID:	
Submitted By: Andrew Phan		Title: <u>Field Tech</u>		Signature: <u>[Signature]</u> Date: <u>04/14/14</u>		Sampled By: <u>Brian Martinez</u>		Ground-water x Sediment		Potable Soil	
Project Name: PG&E Hinkley - GMP		Project Number: 30046045		Signature: <u>[Signature]</u> Date: <u>4/12/21</u>		NPDES Other Solid		Surface		Remarks	
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others	
				MW-13851-Q221							
N044936-14		MW-1385-Q221		4/12/2021		0942				X	
-15		MW-09-Q221		4/12/2021		1337				X	
-16		MW-102D-Q221		4/12/2021		1214				X	
-17		MW-95S-Q221		4/12/2021		1444				X	
-18		MW-147D-Q221		4/12/2021		1038				X	
-19		MW-147S-Q221		4/12/2021		1118				X	
-20		MW-112S-Q221		4/12/2021		1339				X	
-21		MW-96S-Q221		4/12/2021		1212				X	
-22		MW-116D1-Q221		4/12/2021		0944				X	
-23		EB-724-Q221		4/12/2021		1500				X	
-24		EB-727-Q221		4/12/2021		1445				X	
-25		EB-728-Q221		4/12/2021		1444				X	
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Turn Around Time (TAT)		Special Instruction:	
<u>[Signature]</u> Andrew Phan 04/14/14		1520		<u>[Signature]</u> JORDAN 160 4/12/21		1520		A < 24 Hrs or Same Day TAT			
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		B Next Workday			
<u>[Signature]</u> JORDAN 160 4/12/21		1801		<u>[Signature]</u> JORDAN 160 4/12/21		1801		C = 2 Workdays			
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		D = 3 Workdays			
								E Routine 5-7 Workdays			
Terms		1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis		Less than 24 Hrs > 200% Next Day > 100% 2 Workdays > 50% 3 Workdays > 35% 4 Workdays > 20%		3. Custom EDD formula will be an additional 3% of the total project price.		4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total	
5. Trip Blanks and Equipment Blanks are billable sample.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 days.		8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		9. For subcontract analysis, TAT and Surcharge will vary.			
Preservatives:		H=HCL N=HNO ₃ S=H ₂ SO ₄ C=4°C		Container Type:		T=Tube V=VOA P=Plint		Z=Zn(AC) ₂ O=NaOH T=Na ₂ S ₂ O ₃ J=Jar B=Tedlar G=Glass			
Others/Specify:		B (NH ₄) ₂ SO ₄ /NH ₄ OH		M=Metal		M=Metal C=Can					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/12/2021

Workorder: N044936

Rep sample Temp (Deg C): 3.4/3.1/3.6

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YR

4/13/2021

Reviewed By:

ABC

4/14/2021

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044936

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044936-001A	MW-102S-Q221	4/12/2021 12:52:00 PM	4/26/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-001B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-002A	MW-95D-Q221	4/12/2021 1:52:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-002B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-003A	MW-112D-Q221	4/12/2021 2:35:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-003B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-004A	MW-96D-Q221	4/12/2021 12:47:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-004B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-005A	MW-116D2-Q221	4/12/2021 10:31:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-005B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-006A	MW-116S-Q221	4/12/2021 11:14:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-006B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-007A	MW-950-Q221	4/12/2021 11:24:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-007B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-008A	MW-143D1-Q221	4/12/2021 1:34:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044936

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044936-008B	MW-143D1-Q221	4/12/2021 1:34:00 PM	4/26/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-009A	MW-143D2-Q221	4/12/2021 2:17:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-009B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-010A	MW-103D-Q221	4/12/2021 12:36:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-010B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-011A	MW-103S-Q221	4/12/2021 12:02:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-011B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-012A	MW-144D1-Q221	4/12/2021 10:26:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-012B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-013A	MW-144D2-Q221	4/12/2021 11:07:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-013B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-014A	MW-138S1-Q221	4/12/2021 9:42:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-014B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-015A	MW-09-Q221	4/12/2021 1:37:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-015B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044936

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044936-015B	MW-09-Q221	4/12/2021 1:37:00 PM	4/26/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-016A	MW-102D-Q221	4/12/2021 12:14:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-016B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-017A	MW-95S-Q221	4/12/2021 2:44:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-017B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-018A	MW-147D-Q221	4/12/2021 10:36:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-018B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-019A	MW-147S-Q221	4/12/2021 11:18:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-019B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-020A	MW-112S-Q221	4/12/2021 1:39:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-020B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-021A	MW-96S-Q221	4/12/2021 12:12:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-021B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-022A	MW-116D1-Q221	4/12/2021 9:44:00 AM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-022B			4/26/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/26/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044936

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044936-023A	EB-724-Q221	4/12/2021 3:00:00 PM	4/26/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-024A	EB-727-Q221	4/12/2021 2:45:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-025A	EB-728-Q221	4/12/2021 2:44:00 PM	4/26/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044936-026A	FOLDER	4/26/2021	4/26/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/26/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/26/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 23, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044937

RE: PG&E Hinkley - DOM, 30046045

Attention: Tonya Russi

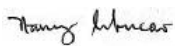
Enclosed are the results for sample(s) received on April 12, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an amended report. Please disregard all previous documentation that corresponds to the page(s) enclosed.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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ASSET Laboratories

Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N044937

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020_Dissolved:

The report was amended to incorporate the updated PS, MS/MSD as sample reference N044934-004E for Chromium was rerun due to failing Internal Standard and PS, MS, and MSD were not updated after the rerun.



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ASSET Laboratories

Date: 19-Apr-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - DOM, 30046045

Lab Order: N044937

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044937-001A	28N-05-Q221	Groundwater	4/12/2021 9:20:00 AM	4/12/2021	4/19/2021
N044937-001B	28N-05-Q221	Groundwater	4/12/2021 9:20:00 AM	4/12/2021	4/19/2021
N044937-002A	28N-04-Q221	Groundwater	4/12/2021 9:40:00 AM	4/12/2021	4/19/2021
N044937-002B	28N-04-Q221	Groundwater	4/12/2021 9:40:00 AM	4/12/2021	4/19/2021



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 19-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044937
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044937-001

Client Sample ID: 28N-05-Q221
Collection Date: 4/12/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.4	0.033	0.20		µg/L	1	4/13/2021 11:14 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048		PrepDate: 4/13/2021		Analyst: CEI		
Chromium	3.1	0.13	1.0		µg/L	1	4/15/2021 07:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 19-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044937
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N044937-002

Client Sample ID: 28N-04-Q221
Collection Date: 4/12/2021 9:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210415A	QC Batch: R152115			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/15/2021 12:12 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210413A	QC Batch: R152037			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/13/2021 11:24 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415A	QC Batch: 87048			PrepDate:	4/13/2021	Analyst: CEI	
Chromium	ND	0.13	1.0		µg/L	1	4/15/2021 08:04 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044937
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPG**

Sample ID: MB-R152115	SampType: MBLK	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 152115		
Client ID: PBW	Batch ID: R152115	TestNo: EPA 218.6				Analysis Date: 4/15/2021			SeqNo: 4176062		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.060									

Sample ID: LCS-R152115	SampType: LCS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 152115		
Client ID: LCSW	Batch ID: R152115	TestNo: EPA 218.6				Analysis Date: 4/15/2021			SeqNo: 4176063		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110	90	110				

Sample ID: N044937-002AMS	SampType: MS	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 152115		
Client ID: ZZZZZZ	Batch ID: R152115	TestNo: EPA 218.6				Analysis Date: 4/15/2021			SeqNo: 4176065		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110	90	110				

Sample ID: N044937-002AMSD	SampType: MSD	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 152115		
Client ID: ZZZZZZ	Batch ID: R152115	TestNo: EPA 218.6				Analysis Date: 4/15/2021			SeqNo: 4176066		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.217	0.060	0.2000	0	109	90	110	0.2195	0.961	20	

Sample ID: N044917-019ADUP	SampType: DUP	TestCode: 218.6_W_LLPG Units: µg/L				Prep Date:			RunNo: 152115		
Client ID: ZZZZZZ	Batch ID: R152115	TestNo: EPA 218.6				Analysis Date: 4/15/2021			SeqNo: 4176068		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.060						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044937
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: MB-R152037	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: PBW	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172457						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R152037	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: LCSW	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172458						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 4.986 0.20 5.000 0 99.7 90 110

Sample ID: N044937-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172469						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 4.429 0.20 1.000 3.372 106 90 110

Sample ID: N044937-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172470						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 1.021 0.20 1.000 0 102 90 110

Sample ID: N044934-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6		Analysis Date: 4/13/2021	SeqNo: 4172475						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 3.192 0.20 1.000 2.104 109 90 110

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044937
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044934-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6	Analysis Date: 4/13/2021	SeqNo: 4172476							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.180	0.20	1.000	2.104	108	90	110	3.192	0.377	20	

Sample ID: N044935-002ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152037						
Client ID: ZZZZZZ	Batch ID: R152037	TestNo: EPA 218.6	Analysis Date: 4/13/2021	SeqNo: 4172484							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.855	0.20						4.885	0.616	20	

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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ASSET Laboratories

Date: 23-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044937
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87048	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132					
Client ID:	PBW	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/15/2021	SeqNo: 4177051					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	1.0									

Sample ID	LCS-87048	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152132					
Client ID:	LCSW	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/15/2021	SeqNo: 4177052					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.162	1.0	10.00	0	102	85	115				

Sample ID	N044934-004EMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140					
Client ID:	ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4177451					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	11.231	1.0	10.00	2.197	90.3	75	125				

Sample ID	N044934-004EMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/13/2021	RunNo: 152140					
Client ID:	ZZZZZZ	Batch ID: 87048	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4177452					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	11.249	1.0	10.00	2.197	90.5	75	125	11.23	0.163	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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Contact us:
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California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
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www.asserlaboratories.com

[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/12/2021

Workorder: N044937

Rep sample Temp (Deg C): 3.1

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/13/2021

Reviewed By: ABC 4/13/2021

ASSET Laboratories

WORK ORDER Summary

13-Apr-21

WorkOrder: N044937

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 4/12/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044937-001A	28N-05-Q221	4/12/2021 9:20:00 AM	4/19/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044937-001B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044937-002A	28N-04-Q221	4/12/2021 9:40:00 AM	4/19/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044937-002B			4/19/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/19/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044937-003A	FOLDER	4/19/2021	4/19/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/19/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/19/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 28, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044958

RE: PG&E Hinkley - ATU, 30046045

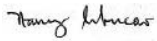
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 13, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044958

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N044903-003EMS, N044903-003EMSD, N044903-012EMS and N044903-012EMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 218.6:

Since the actual result of total dissolved chromium (117ug/L) differs with hexavalent chromium (97ug/L) by no more than 20% for sample N044958-006 (EX-39-Q221), reanalysis of the sample was not necessary.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank MB-R152048 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044958

CASE NARRATIVE

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Iron in QC sample N044903-015D-MS possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS) and Matrix Spike Duplicate (MSD) is outside criteria; however, the associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Since the actual result of total dissolved chromium (117ug/L) differs with hexavalent chromium (97ug/L) by no more than 20% for sample N044958-006 (EX-39-Q221), reanalysis of the sample was not necessary.

Analytical Comments for SM 5310C:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N044958-004EMS and N044958-004EMSD at lower dilution possibly due to matrix interference. QC samples were further diluted and recovery passed criteria. Thus sample reference N044958-004 and MS/MSD were reported at 10x dilution. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - ATU, 30046045

Lab Order: N044958

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044958-001A	MW-28B-Q221	Groundwater	4/13/2021 10:38:00 AM	4/13/2021	4/28/2021
N044958-001B	MW-28B-Q221	Groundwater	4/13/2021 10:38:00 AM	4/13/2021	4/28/2021
N044958-001C	MW-28B-Q221	Groundwater	4/13/2021 10:38:00 AM	4/13/2021	4/28/2021
N044958-001D	MW-28B-Q221	Groundwater	4/13/2021 10:38:00 AM	4/13/2021	4/28/2021
N044958-001E	MW-28B-Q221	Groundwater	4/13/2021 10:38:00 AM	4/13/2021	4/28/2021
N044958-002A	CE-IRR-Q221	Groundwater	4/13/2021 10:15:00 AM	4/13/2021	4/28/2021
N044958-002B	CE-IRR-Q221	Groundwater	4/13/2021 10:15:00 AM	4/13/2021	4/28/2021
N044958-002C	CE-IRR-Q221	Groundwater	4/13/2021 10:15:00 AM	4/13/2021	4/28/2021
N044958-002D	CE-IRR-Q221	Groundwater	4/13/2021 10:15:00 AM	4/13/2021	4/28/2021
N044958-002E	CE-IRR-Q221	Groundwater	4/13/2021 10:15:00 AM	4/13/2021	4/28/2021
N044958-003A	MW-901-Q221	Groundwater	4/13/2021 10:25:00 AM	4/13/2021	4/28/2021
N044958-003B	MW-901-Q221	Groundwater	4/13/2021 10:25:00 AM	4/13/2021	4/28/2021
N044958-003C	MW-901-Q221	Groundwater	4/13/2021 10:25:00 AM	4/13/2021	4/28/2021
N044958-003D	MW-901-Q221	Groundwater	4/13/2021 10:25:00 AM	4/13/2021	4/28/2021
N044958-003E	MW-901-Q221	Groundwater	4/13/2021 10:25:00 AM	4/13/2021	4/28/2021
N044958-004A	F-IRR-Q221	Groundwater	4/13/2021 10:45:00 AM	4/13/2021	4/28/2021
N044958-004B	F-IRR-Q221	Groundwater	4/13/2021 10:45:00 AM	4/13/2021	4/28/2021
N044958-004C	F-IRR-Q221	Groundwater	4/13/2021 10:45:00 AM	4/13/2021	4/28/2021
N044958-004D	F-IRR-Q221	Groundwater	4/13/2021 10:45:00 AM	4/13/2021	4/28/2021
N044958-004E	F-IRR-Q221	Groundwater	4/13/2021 10:45:00 AM	4/13/2021	4/28/2021
N044958-005A	MW-905-Q221	Groundwater	4/13/2021 10:55:00 AM	4/13/2021	4/28/2021
N044958-005B	MW-905-Q221	Groundwater	4/13/2021 10:55:00 AM	4/13/2021	4/28/2021
N044958-005C	MW-905-Q221	Groundwater	4/13/2021 10:55:00 AM	4/13/2021	4/28/2021
N044958-005D	MW-905-Q221	Groundwater	4/13/2021 10:55:00 AM	4/13/2021	4/28/2021
N044958-005E	MW-905-Q221	Groundwater	4/13/2021 10:55:00 AM	4/13/2021	4/28/2021
N044958-006A	EX-39-Q221	Groundwater	4/13/2021 9:25:00 AM	4/13/2021	4/28/2021
N044958-006B	EX-39-Q221	Groundwater	4/13/2021 9:25:00 AM	4/13/2021	4/28/2021
N044958-006C	EX-39-Q221	Groundwater	4/13/2021 9:25:00 AM	4/13/2021	4/28/2021
N044958-007A	EX-42-Q221	Groundwater	4/13/2021 11:40:00 AM	4/13/2021	4/28/2021

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044958
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044958-007B	EX-42-Q221	Groundwater	4/13/2021 11:40:00 AM	4/13/2021	4/28/2021
N044958-007C	EX-42-Q221	Groundwater	4/13/2021 11:40:00 AM	4/13/2021	4/28/2021
N044958-007D	EX-42-Q221	Groundwater	4/13/2021 11:40:00 AM	4/13/2021	4/28/2021
N044958-007E	EX-42-Q221	Groundwater	4/13/2021 11:40:00 AM	4/13/2021	4/28/2021
N044958-008A	MW-903-Q221	Groundwater	4/13/2021 11:50:00 AM	4/13/2021	4/28/2021
N044958-008B	MW-903-Q221	Groundwater	4/13/2021 11:50:00 AM	4/13/2021	4/28/2021
N044958-008C	MW-903-Q221	Groundwater	4/13/2021 11:50:00 AM	4/13/2021	4/28/2021
N044958-008D	MW-903-Q221	Groundwater	4/13/2021 11:50:00 AM	4/13/2021	4/28/2021
N044958-008E	MW-903-Q221	Groundwater	4/13/2021 11:50:00 AM	4/13/2021	4/28/2021
N044958-009A	EX-50-Q221	Groundwater	4/13/2021 8:40:00 AM	4/13/2021	4/28/2021
N044958-009B	EX-50-Q221	Groundwater	4/13/2021 8:40:00 AM	4/13/2021	4/28/2021
N044958-009C	EX-50-Q221	Groundwater	4/13/2021 8:40:00 AM	4/13/2021	4/28/2021
N044958-009D	EX-50-Q221	Groundwater	4/13/2021 8:40:00 AM	4/13/2021	4/28/2021
N044958-009E	EX-50-Q221	Groundwater	4/13/2021 8:40:00 AM	4/13/2021	4/28/2021
N044958-010A	MW-904-Q221	Groundwater	4/13/2021 8:50:00 AM	4/13/2021	4/28/2021
N044958-010B	MW-904-Q221	Groundwater	4/13/2021 8:50:00 AM	4/13/2021	4/28/2021
N044958-010C	MW-904-Q221	Groundwater	4/13/2021 8:50:00 AM	4/13/2021	4/28/2021
N044958-010D	MW-904-Q221	Groundwater	4/13/2021 8:50:00 AM	4/13/2021	4/28/2021
N044958-010E	MW-904-Q221	Groundwater	4/13/2021 8:50:00 AM	4/13/2021	4/28/2021
N044958-011A	EX-51-Q221	Groundwater	4/13/2021 9:45:00 AM	4/13/2021	4/28/2021
N044958-011B	EX-51-Q221	Groundwater	4/13/2021 9:45:00 AM	4/13/2021	4/28/2021
N044958-011C	EX-51-Q221	Groundwater	4/13/2021 9:45:00 AM	4/13/2021	4/28/2021
N044958-012A	EX-52-Q221	Groundwater	4/13/2021 10:00:00 AM	4/13/2021	4/28/2021
N044958-012B	EX-52-Q221	Groundwater	4/13/2021 10:00:00 AM	4/13/2021	4/28/2021
N044958-013A	X-06-Q221	Groundwater	4/13/2021 11:20:00 AM	4/13/2021	4/28/2021
N044958-013B	X-06-Q221	Groundwater	4/13/2021 11:20:00 AM	4/13/2021	4/28/2021
N044958-014A	MW-14B-Q221	Groundwater	4/13/2021 2:01:00 PM	4/13/2021	4/28/2021
N044958-014B	MW-14B-Q221	Groundwater	4/13/2021 2:01:00 PM	4/13/2021	4/28/2021
N044958-014C	MW-14B-Q221	Groundwater	4/13/2021 2:01:00 PM	4/13/2021	4/28/2021
N044958-014D	MW-14B-Q221	Groundwater	4/13/2021 2:01:00 PM	4/13/2021	4/28/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044958
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044958-014E	MW-14B-Q221	Groundwater	4/13/2021 2:01:00 PM	4/13/2021	4/28/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-001

Client Sample ID: MW-28B-Q221
Collection Date: 4/13/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	630	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-002

Client Sample ID: CE-IRR-Q221
Collection Date: 4/13/2021 10:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	820	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-003

Client Sample ID: MW-901-Q221
Collection Date: 4/13/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	830	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-004

Client Sample ID: F-IRR-Q221
Collection Date: 4/13/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	860	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-005

Client Sample ID: MW-905-Q221
Collection Date: 4/13/2021 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	850	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-007

Client Sample ID: EX-42-Q221
Collection Date: 4/13/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	780	10	10	mg/L	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-008

Client Sample ID: MW-903-Q221
Collection Date: 4/13/2021 11:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	780	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-009

Client Sample ID: EX-50-Q221
Collection Date: 4/13/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	780	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-010

Client Sample ID: MW-904-Q221
Collection Date: 4/13/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	800	10	10	mg/L	1	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-014

Client Sample ID: MW-14B-Q221
Collection Date: 4/13/2021 2:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210414F	QC Batch: 87086			PrepDate: 4/14/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	630	10	10	mg/L	4/14/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87086	SampType: LCS	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/14/2021	RunNo: 152091						
Client ID: LCSW	Batch ID: 87086	TestNo: SM2540C		Analysis Date: 4/14/2021	SeqNo: 4175177						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	972.000	10	1000	0	97.2	80	120				

Sample ID: MB-87086	SampType: MBLK	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/14/2021	RunNo: 152091						
Client ID: PBW	Batch ID: 87086	TestNo: SM2540C		Analysis Date: 4/14/2021	SeqNo: 4175178						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID: N044958-005CDUP	SampType: DUP	TestCode: 160.1_2540C	Units: mg/L	Prep Date: 4/14/2021	RunNo: 152091						
Client ID: ZZZZZZ	Batch ID: 87086	TestNo: SM2540C		Analysis Date: 4/14/2021	SeqNo: 4175184						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	851.000	10						850.0	0.118	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-001

Client Sample ID: MW-28B-Q221
Collection Date: 4/13/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	5.2 0.024 0.67	pCi/L	1 4/16/2021 10:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-002

Client Sample ID: CE-IRR-Q221
Collection Date: 4/13/2021 10:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	25 0.024 0.67	pCi/L	1 4/16/2021 11:20 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-003

Client Sample ID: MW-901-Q221
Collection Date: 4/13/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	24 0.024 0.67	pCi/L	1 4/16/2021 11:38 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-004

Client Sample ID: F-IRR-Q221
Collection Date: 4/13/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	25 0.024 0.67	pCi/L	1 4/16/2021 11:44 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-005

Client Sample ID: MW-905-Q221
Collection Date: 4/13/2021 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	25 0.024 0.67	pCi/L	1 4/16/2021 11:49 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-007

Client Sample ID: EX-42-Q221
Collection Date: 4/13/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	31 0.024 0.67	pCi/L	1 4/16/2021 11:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-008

Client Sample ID: MW-903-Q221
Collection Date: 4/13/2021 11:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	30 0.024 0.67	pCi/L	1 4/17/2021 12:01 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-009

Client Sample ID: EX-50-Q221
Collection Date: 4/13/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	24 0.024 0.67	pCi/L	1 4/17/2021 12:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-010

Client Sample ID: MW-904-Q221
Collection Date: 4/13/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	23 0.024 0.67	pCi/L	1 4/17/2021 12:13 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-014

Client Sample ID: MW-14B-Q221
Collection Date: 4/13/2021 2:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	34 0.024 0.67	pCi/L	1 4/17/2021 12:19 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87065	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: PBW	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180204
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID: LCS-87065	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: LCSW	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180205
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.154	0.67	6.700	0	107 85 115

Sample ID: N044958-001E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180209
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	12.804	0.67	6.700	5.222	113 75 125

Sample ID: N044958-001E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180210
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	12.617	0.67	6.700	5.222	110 75 125 12.80 1.47 20

Sample ID: N044960-008E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/17/2021	SeqNo: 4180227
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	43.122	0.67	6.700	35.52	113 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-001

Client Sample ID: MW-28B-Q221
Collection Date: 4/13/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/14/2021 08:03 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	2.4	0.13	1.0		µg/L	1	4/16/2021 01:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-002

Client Sample ID: CE-IRR-Q221
Collection Date: 4/13/2021 10:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	57	0.33	2.0		µg/L	10	4/14/2021 08:12 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	58	0.13	1.0		µg/L	1	4/16/2021 02:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-003

Client Sample ID: MW-901-Q221
Collection Date: 4/13/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	58	0.33	2.0		µg/L	10	4/14/2021 08:22 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	58	0.13	1.0		µg/L	1	4/16/2021 02:28 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-004

Client Sample ID: F-IRR-Q221
Collection Date: 4/13/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	40	0.33	2.0		µg/L	10	4/14/2021 08:31 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	42	0.13	1.0		µg/L	1	4/16/2021 02:34 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-005

Client Sample ID: MW-905-Q221
Collection Date: 4/13/2021 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	40	0.33	2.0		µg/L	10	4/14/2021 08:41 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	42	0.13	1.0		µg/L	1	4/16/2021 02:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-006

Client Sample ID: EX-39-Q221
Collection Date: 4/13/2021 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	97	0.66	4.0		µg/L	20	4/14/2021 08:50 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	120	0.13	1.0		µg/L	1	4/16/2021 02:58 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-007

Client Sample ID: EX-42-Q221
Collection Date: 4/13/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	66	0.33	2.0		µg/L	10	4/14/2021 08:59 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	64	0.13	1.0		µg/L	1	4/16/2021 03:03 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-008

Client Sample ID: MW-903-Q221
Collection Date: 4/13/2021 11:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	66	0.33	2.0		µg/L	10	4/14/2021 09:09 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	65	0.13	1.0		µg/L	1	4/16/2021 03:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-009

Client Sample ID: EX-50-Q221
Collection Date: 4/13/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	46	0.33	2.0		µg/L	10	4/14/2021 09:37 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	46	0.13	1.0		µg/L	1	4/16/2021 03:15 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-010

Client Sample ID: MW-904-Q221
Collection Date: 4/13/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	46	0.33	2.0		µg/L	10	4/14/2021 09:47 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	49	0.13	1.0		µg/L	1	4/16/2021 03:21 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-011

Client Sample ID: EX-51-Q221
Collection Date: 4/13/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	57	0.33	2.0		µg/L	10	4/14/2021 10:26 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	59	0.13	1.0		µg/L	1	4/16/2021 03:27 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-012

Client Sample ID: EX-52-Q221
Collection Date: 4/13/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	16	0.033	0.20		µg/L	1	4/14/2021 10:37 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	15	0.13	1.0		µg/L	1	4/16/2021 03:33 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-013

Client Sample ID: X-06-Q221
Collection Date: 4/13/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	500	3.3	20		µg/L	100	4/14/2021 10:47 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	500	0.65	5.0		µg/L	5	4/16/2021 05:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-014

Client Sample ID: MW-14B-Q221
Collection Date: 4/13/2021 2:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	30	0.17	1.0		µg/L	5	4/14/2021 10:56 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	30	0.13	1.0		µg/L	1	4/16/2021 03:45 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152068	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: PBW	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174112
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R152068	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: LCSW	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174113
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 4.903 0.20 5.000 0 98.1 90 110

Sample ID: N044960-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: ZZZZZ	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174138
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 625.960 10 250.0 378.6 98.9 90 110

Sample ID: N044960-002AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: ZZZZZ	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174139
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 630.050 10 250.0 378.6 101 90 110 626.0 0.651 20

Sample ID: N044958-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: ZZZZZ	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174140
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 198.682 4.0 100.0 97.32 101 90 110

Qualifiers:

B Analyte detected in the associated Method Blank E Value above quantitation range H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 Calculations are based on raw values



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044958-012ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068						
Client ID: ZZZZZZ	Batch ID: R152068	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174141							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	15.656	0.20						15.63	0.190	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87063	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134
Client ID: PBW	Batch ID: 87063	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4177192
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87063	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134
Client ID: LCSW	Batch ID: 87063	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4177193
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.195 1.0 10.00 0 102 85 115

Sample ID: N044958-001E-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134
Client ID: ZZZZZZ	Batch ID: 87063	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4177197
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.920 1.0 10.00 2.417 95.0 75 125

Sample ID: N044958-001E-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134
Client ID: ZZZZZZ	Batch ID: 87063	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4177198
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 11.683 1.0 10.00 2.417 92.7 75 125 11.92 2.02 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-001

Client Sample ID: MW-28B-Q221
Collection Date: 4/13/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	5.7 0.044 0.25	mg/L	5 4/14/2021 08:13 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-002

Client Sample ID: CE-IRR-Q221
Collection Date: 4/13/2021 10:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	3.8 0.044 0.25	mg/L	5 4/14/2021 03:49 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-003

Client Sample ID: MW-901-Q221
Collection Date: 4/13/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	3.8 0.044 0.25	mg/L	5 4/14/2021 04:04 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-004

Client Sample ID: F-IRR-Q221
Collection Date: 4/13/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	5.9 0.044 0.25	mg/L	5 4/14/2021 08:59 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-005

Client Sample ID: MW-905-Q221
Collection Date: 4/13/2021 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	5.9 0.044 0.25	mg/L	5 4/14/2021 09:14 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-006

Client Sample ID: EX-39-Q221
Collection Date: 4/13/2021 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	0.94 0.017 0.10	mg/L	2 4/14/2021 09:30 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-007

Client Sample ID: EX-42-Q221
Collection Date: 4/13/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	3.5 0.044 0.25	mg/L	5 4/14/2021 09:45 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-008

Client Sample ID: MW-903-Q221
Collection Date: 4/13/2021 11:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	3.4 0.044 0.25	mg/L	5 4/14/2021 03:18 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-009

Client Sample ID: EX-50-Q221
Collection Date: 4/13/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	1.2 0.017 0.10	mg/L	2 4/14/2021 11:11 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-010

Client Sample ID: MW-904-Q221
Collection Date: 4/13/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	1.1 0.017 0.10	mg/L	2 4/14/2021 03:33 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-011

Client Sample ID: EX-51-Q221
Collection Date: 4/13/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	2.5 0.044 0.25	mg/L	5 4/14/2021 11:26 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-014

Client Sample ID: MW-14B-Q221
Collection Date: 4/13/2021 2:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048	PrepDate:	Analyst: RAB
Nitrate as N	6.2 0.044 0.25	mg/L	5 4/14/2021 11:41 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID: LCS-R152048_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152048			
Client ID: LCSW	Batch ID: R152048	TestNo: EPA 300.0		Analysis Date: 4/14/2021				SeqNo: 4173300			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	1.239	0.050	1.250	0	99.1	90	110				

Sample ID: MB-R152048_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152048			
Client ID: PBW	Batch ID: R152048	TestNo: EPA 300.0		Analysis Date: 4/14/2021				SeqNo: 4173301			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	0.027	0.050									

Sample ID: N044950-001DDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152048			
Client ID: ZZZZZZ	Batch ID: R152048	TestNo: EPA 300.0		Analysis Date: 4/14/2021				SeqNo: 4173315			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	3.077	0.10						3.096	0.622	20	

Sample ID: N044958-007BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152048			
Client ID: ZZZZZZ	Batch ID: R152048	TestNo: EPA 300.0		Analysis Date: 4/14/2021				SeqNo: 4173316			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	9.786	0.25	6.250	3.481	101	80	120				

Sample ID: N044958-007BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152048			
Client ID: ZZZZZZ	Batch ID: R152048	TestNo: EPA 300.0		Analysis Date: 4/14/2021				SeqNo: 4173317			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	9.732	0.25	6.250	3.481	100	80	120	9.786	0.548	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N044958-006BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152048			
Client ID: ZZZZZZ	Batch ID: R152048	TestNo: EPA 300.0		Analysis Date: 4/14/2021				SeqNo: 4173318			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	3.436	0.10	2.500	0.9386	99.9	80	120				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-002

Client Sample ID: CE-IRR-Q221
Collection Date: 4/13/2021 10:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210416A	QC Batch: R152127		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.078	1.0		mg/L	1	4/16/2021 02:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-003

Client Sample ID: MW-901-Q221
Collection Date: 4/13/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 03:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-004

Client Sample ID: F-IRR-Q221
Collection Date: 4/13/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.78	10	mg/L	10	4/16/2021 01:13 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-005

Client Sample ID: MW-905-Q221
Collection Date: 4/13/2021 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 03:16 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152127	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152127
Client ID: PBW	Batch ID: R152127	TestNo: SM 5310C		Analysis Date: 4/16/2021	SeqNo: 4176400
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID: LCS-R152127	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152127
Client ID: LCSW	Batch ID: R152127	TestNo: SM 5310C		Analysis Date: 4/16/2021	SeqNo: 4176401
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.762	1.0	5.000	0	95.2 85 115

Sample ID: N044958-004EMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152127
Client ID: ZZZZZ	Batch ID: R152127	TestNo: SM 5310C		Analysis Date: 4/16/2021	SeqNo: 4176406
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	48.671	10	50.00	1.532	94.3 75 125

Sample ID: N044958-004EMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152127
Client ID: ZZZZZ	Batch ID: R152127	TestNo: SM 5310C		Analysis Date: 4/16/2021	SeqNo: 4176407
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	49.462	10	50.00	1.532	95.9 75 125 48.67 1.61 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-002

Client Sample ID: CE-IRR-Q221
Collection Date: 4/13/2021 10:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	110	18	20		ug/L	1	4/20/2021 10:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-003

Client Sample ID: MW-901-Q221
Collection Date: 4/13/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	54	18	20		ug/L	1	4/20/2021 01:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-004

Client Sample ID: F-IRR-Q221
Collection Date: 4/13/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	52	18	20		ug/L	1	4/20/2021 01:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-005

Client Sample ID: MW-905-Q221
Collection Date: 4/13/2021 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	33	18	20		ug/L	1	4/20/2021 01:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-006

Client Sample ID: EX-39-Q221
Collection Date: 4/13/2021 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	140	18	20		ug/L	1	4/20/2021 11:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-007

Client Sample ID: EX-42-Q221
Collection Date: 4/13/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 11:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-008

Client Sample ID: MW-903-Q221
Collection Date: 4/13/2021 11:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	320	18	20		ug/L	1	4/20/2021 11:21 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-009

Client Sample ID: EX-50-Q221
Collection Date: 4/13/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	31	18	20		ug/L	1	4/20/2021 01:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-010

Client Sample ID: MW-904-Q221
Collection Date: 4/13/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	34	18	20		ug/L	1	4/20/2021 01:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-011

Client Sample ID: EX-51-Q221
Collection Date: 4/13/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	33	18	20		ug/L	1	4/20/2021 01:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-012

Client Sample ID: EX-52-Q221
Collection Date: 4/13/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 11:37 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-013

Client Sample ID: X-06-Q221
Collection Date: 4/13/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87066			PrepDate:	4/15/2021	Analyst: DJ	
Iron	25	18	20		ug/L	1	4/20/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87066	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: PBW	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS-87066	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: LCSW	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179581
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	89.270	20	100.0	0	89.3 85 115

Sample ID: N044903-015D-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179585
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	119.297	20	100.0	127.6	-8.33 75 125 S

Sample ID: N044903-015D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179586
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	223.889	20	100.0	127.6	96.3 75 125 119.3 61.0 20 R

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N044903-015D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87066	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179584						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	185.139	20	100.0	127.6	57.5	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-002

Client Sample ID: CE-IRR-Q221
Collection Date: 4/13/2021 10:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210415B	QC Batch: 87063			PrepDate: 4/14/2021		Analyst: CEI
Arsenic	2.6	0.081	0.10	µg/L	1	4/16/2021 02:22 AM
Manganese	320	1.3	2.5	µg/L	5	4/16/2021 03:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-003

Client Sample ID: MW-901-Q221
Collection Date: 4/13/2021 10:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	2.5	0.081	0.10		µg/L	1	4/16/2021 02:28 AM
Manganese	340	1.3	2.5		µg/L	5	4/16/2021 03:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-004

Client Sample ID: F-IRR-Q221
Collection Date: 4/13/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	0.97	0.081	0.10		µg/L	1	4/16/2021 04:05 PM
Manganese	310	1.3	2.5		µg/L	5	4/16/2021 04:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-005

Client Sample ID: MW-905-Q221
Collection Date: 4/13/2021 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210416A	QC Batch: 87063			PrepDate: 4/14/2021		Analyst: CEI
Arsenic	0.79	0.081	0.10	µg/L	1	4/16/2021 04:17 PM
Manganese	300	1.3	2.5	µg/L	5	4/16/2021 04:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-006

Client Sample ID: EX-39-Q221
Collection Date: 4/13/2021 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	970	2.6	5.0		µg/L	10	4/16/2021 04:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-007

Client Sample ID: EX-42-Q221
Collection Date: 4/13/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	150	0.26	0.50		µg/L	1	4/16/2021 03:03 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-008

Client Sample ID: MW-903-Q221
Collection Date: 4/13/2021 11:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	150	0.26	0.50		µg/L	1	4/16/2021 03:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-009

Client Sample ID: EX-50-Q221
Collection Date: 4/13/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	240	1.3	2.5		µg/L	5	4/16/2021 04:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-010

Client Sample ID: MW-904-Q221
Collection Date: 4/13/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	260	1.3	2.5		µg/L	5	4/16/2021 05:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-011

Client Sample ID: EX-51-Q221
Collection Date: 4/13/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	1700	6.4	12		µg/L	25	4/16/2021 05:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-012

Client Sample ID: EX-52-Q221
Collection Date: 4/13/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	650	1.3	2.5		µg/L	5	4/16/2021 05:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044958
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044958-013

Client Sample ID: X-06-Q221
Collection Date: 4/13/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87063			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	2.1	0.26	0.50		µg/L	1	4/16/2021 03:39 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044958
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87063	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134
Client ID: PBW	Batch ID: 87063	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4177260
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID: LCS-87063	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134
Client ID: LCSW	Batch ID: 87063	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4177261
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.859	0.10	10.00	0	109 85 115
Manganese	102.539	0.50	100.0	0	103 85 115

Sample ID: N044958-001E-MS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134
Client ID: ZZZZZZ	Batch ID: 87063	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4177265
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.890	0.10	10.00	0.8702	100 75 125
Manganese	96.681	0.50	100.0	0	96.7 75 125

Sample ID: N044958-001E-MSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134
Client ID: ZZZZZZ	Batch ID: 87063	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4177266
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.133	0.10	10.00	0.8702	103 75 125 10.89 2.21 20
Manganese	95.423	0.50	100.0	0	95.4 75 125 96.68 1.31 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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Page 1 of 1

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		P.O.#		Phone: 951.677.0577		Fax:		Global ID:		EQ EDD		Specify:		Excel EDD		GeoTracker		Labspec		Others		EDD Requirement		QA/QC		Sample Receipt Condition																							
Phone: 1 916 865 3168		Fax:		Title: Field Tech		Signature: <i>[Signature]</i> Date: 04/13/21		Sampled By: <i>[Signature]</i> Date: 4/13/21		Ground-water		x Sediment		Potable		Soil		NPDES		Other Solid		Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly		Anions (E300.0) NO3-N; 4°C; 1000ml Poly		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		TDS (SM2540C); 4°C; 1000ml Poly		Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C		Metals Dissolved (E202A/F) As; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Fe; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Mn; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Cr; HNO3, 4°C; 500 ml Poly		Uranium (E200.9FF) HNO3, 4°C; 500 ml Poly		TPH-D (E015B) 3x1 Liter Amber Glass, 4°C		TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TOC (SM5310) H2SO4, 4°C		Anions (E300.0) SO4; 4°C; 1000ml Poly		Sample Temp: 1.4°C / 2.8°C / 3.3°C		ICF		Sample Receipt Condition	
Submitted By: Andrew Allen		Title: Field Tech		Signature: <i>[Signature]</i> Date: 04/13/21		Sampled By: <i>[Signature]</i> Date: 4/13/21		Ground-water		x Sediment		Potable		Soil		NPDES		Other Solid		Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly		Anions (E300.0) NO3-N; 4°C; 1000ml Poly		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		TDS (SM2540C); 4°C; 1000ml Poly		Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C		Metals Dissolved (E202A/F) As; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Fe; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Mn; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Cr; HNO3, 4°C; 500 ml Poly		Uranium (E200.9FF) HNO3, 4°C; 500 ml Poly		TPH-D (E015B) 3x1 Liter Amber Glass, 4°C		TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TOC (SM5310) H2SO4, 4°C		Anions (E300.0) SO4; 4°C; 1000ml Poly		Sample Temp: 1.4°C / 2.8°C / 3.3°C		ICF		Sample Receipt Condition			
Project Name: PG&E Hinkley - ATU		Signature: <i>[Signature]</i> Date: 4/13/21		Sampled By: <i>[Signature]</i> Date: 4/13/21		Ground-water		x Sediment		Potable		Soil		NPDES		Other Solid		Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly		Anions (E300.0) NO3-N; 4°C; 1000ml Poly		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		TDS (SM2540C); 4°C; 1000ml Poly		Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C		Metals Dissolved (E202A/F) As; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Fe; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Mn; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Cr; HNO3, 4°C; 500 ml Poly		Uranium (E200.9FF) HNO3, 4°C; 500 ml Poly		TPH-D (E015B) 3x1 Liter Amber Glass, 4°C		TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TOC (SM5310) H2SO4, 4°C		Anions (E300.0) SO4; 4°C; 1000ml Poly		Sample Temp: 1.4°C / 2.8°C / 3.3°C		ICF		Sample Receipt Condition					
Project Number: 30046045		Signature: <i>[Signature]</i> Date: 4/13/21		Sampled By: <i>[Signature]</i> Date: 4/13/21		Ground-water		x Sediment		Potable		Soil		NPDES		Other Solid		Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly		Anions (E300.0) NO3-N; 4°C; 1000ml Poly		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		TDS (SM2540C); 4°C; 1000ml Poly		Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C		Metals Dissolved (E202A/F) As; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Fe; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Mn; HNO3, 4°C; 500 ml Poly		Metals Dissolved (E202A/F) Cr; HNO3, 4°C; 500 ml Poly		Uranium (E200.9FF) HNO3, 4°C; 500 ml Poly		TPH-D (E015B) 3x1 Liter Amber Glass, 4°C		TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TOC (SM5310) H2SO4, 4°C		Anions (E300.0) SO4; 4°C; 1000ml Poly		Sample Temp: 1.4°C / 2.8°C / 3.3°C		ICF		Sample Receipt Condition					

Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly	Anions (E300.0) NO3-N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C	Metals Dissolved (E202A/F) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E202A/F) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E202A/F) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E202A/F) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.9FF) HNO3, 4°C; 500 ml Poly	TPH-D (E015B) 3x1 Liter Amber Glass, 4°C	TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C	Anions (E300.0) SO4; 4°C; 1000ml Poly	Remarks
N044958-01		MW-28B-Q221	4/13/2021	1038		X	X	X	X														
-02		CE-IRR-Q221	4/13/2021	1015		X	X	X	X	X	X	X	X	X	X	X							
-03		MW-901-Q221	4/13/2021	1025		X	X	X	X	X	X	X	X	X	X	X							
-04		F-IRR-Q221	4/13/2021	1045		X	X	X	X	X	X	X	X	X	X	X							
-05		MW-905-Q221	4/13/2021	1055		X	X	X	X	X	X	X	X	X	X	X							
-06		EX-39-Q221	4/13/2021	0925		X	X					X	X	X	X	X							
-07		EX-42-Q221	4/13/2021	1140		X	X	X	X			X	X	X	X	X							
-08		MW-903-Q221	4/13/2021	1150		X	X	X	X			X	X	X	X	X							
-09		EX-50-Q221	4/13/2021	0840		X	X	X	X			X	X	X	X	X							
-10		MW-904-Q221	4/13/2021	0850		X	X	X	X			X	X	X	X	X							

Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1520	Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1520	Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.	Special Instruction:
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1841	Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1841		
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1841	Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1841		

Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH				Container Type: T=Tube V=VOA P=Pin J=Jar B=Tedlar G=Glass M=Metal C=Can			
---	--	--	--	--	--	--	--

Terms:
 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
 3. Custom EDD formats will be an additional 3% of the total project price.
 4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages, surcharges applied on total.
 5. Trip blanks and Equipment blanks are labile sample.
 6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
 7. Terms are net 30 days.
 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
 9. For subcontract analysis, TAT and Surcharges will vary.



ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page

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Contact us:
 Nevada: 3151 W. Post Road, Las Vegas, NV 89118
 P: 702.307.2659 F: 702.307.2691
 California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
 P: 562.219.7435 F: 562.219.7436
 www.assetlaboratories.com

Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Submitted By: Andrew Pham Title: Field Tech Signature: [Signature] Date: 04/13/21 Project Name: PG&E Hinkley - ATU Project Number: 30046045		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Signature: [Signature] Date: 4/13/21		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Email: lisa.kellogg@arcadis.com Phone: 951.877.0577 P.O.#: Fax:		EDD Requirement: Excel EDD Geotracker Labspec Others Specify: EQ EDD Global ID:		QA/QC: RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory Specify State:		Sample Receipt Condition: 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling: 100 2.5°C / 1.4°C / 2.8°C / 3.3°C Courier: ASSET Tracking No.:	
Matrix: Ground-water x Sediment Potable NPDES Surface		Cr(VI) (E218.6) (NH4)2, SO4, NH4, OH, 4°C, 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8F) HNO3, 4°C; 500 ml Poly		TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) 904; 4°C; 1000ml Poly		Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction:			
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 60% 3 Workdays = 35 % 4 Workdays = 20% 3. Custom SDO forms will be an additional 5% of the total project price. 4. All 10% surcharges for rapid ID Data Packages, 15% for 1 and 2/3 Data Packages. Surcharges applied on total.		5. Trip blanks and Equipment blanks are blank sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For sub-contract analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Plint J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/13/2021

Workorder: N044958

Rep sample Temp (Deg C): 1.4/2.8/2.5/3.3

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YR

4/19/2021

Reviewed By:

ABC

4/20/2021

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044958

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044958-001A	MW-28B-Q221	4/13/2021 10:38:00 AM	4/27/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-001B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-001C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-001D			4/27/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044958-001E			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-002A	CE-IRR-Q221	4/13/2021 10:15:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-002B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-002C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-002D			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-002E			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044958-003A	MW-901-Q221	4/13/2021 10:25:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044958

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044958-003B	MW-901-Q221	4/13/2021 10:25:00 AM	4/27/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-003C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-003D			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-003E			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044958-004A	F-IRR-Q221	4/13/2021 10:45:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-004B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-004C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-004D			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044958

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044958-004E	F-IRR-Q221	4/13/2021 10:45:00 AM	4/27/2021	Groundwater	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044958-005A	MW-905-Q221	4/13/2021 10:55:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-005B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-005C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-005D			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-005E			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044958-006A	EX-39-Q221	4/13/2021 9:25:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-006B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-006C			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-007A	EX-42-Q221	4/13/2021 11:40:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-007B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044958

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044958-007C	EX-42-Q221	4/13/2021 11:40:00 AM	4/27/2021	Groundwater	SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-007D			4/27/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044958-007E			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-008A	MW-903-Q221	4/13/2021 11:50:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-008B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-008C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-008D			4/27/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044958-008E			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044958

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044958-009A	EX-50-Q221	4/13/2021 8:40:00 AM	4/27/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-009B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-009C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-009D			4/27/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044958-009E			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-010A	MW-904-Q221	4/13/2021 8:50:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-010B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-010C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-010D			4/27/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044958-010E			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044958

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044958-010E	MW-904-Q221	4/13/2021 8:50:00 AM	4/27/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-011A	EX-51-Q221	4/13/2021 9:45:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-011B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-011C			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-012A	EX-52-Q221	4/13/2021 10:00:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-012B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-013A	X-06-Q221	4/13/2021 11:20:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-013B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-014A	MW-14B-Q221	4/13/2021 2:01:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044958

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044958-014B	MW-14B-Q221	4/13/2021 2:01:00 PM	4/27/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-014C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-014D			4/27/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044958-014E			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044958-015A	FOLDER	4/27/2021	4/27/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/27/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/27/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Brian Martinez

14-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044958-001D / MW-28B-Q221	Groundwater	4/13/2021 10:38:00 AM	32OZP	1		
N044958-007D / EX-42-Q221	Groundwater	4/13/2021 11:40:00 AM	32OZP	1		
N044958-008D / MW-903-Q221	Groundwater	4/13/2021 11:50:00 AM	32OZP	1		
N044958-009D / EX-50-Q221	Groundwater	4/13/2021 8:40:00 AM	32OZP	1		
N044958-010D / MW-904-Q221	Groundwater	4/13/2021 8:50:00 AM	32OZP	1		
N044958-014D / MW-14B-Q221	Groundwater	4/13/2021 2:01:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44958A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773446763630

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	4/14/2021 1300	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 28, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044959

RE: PG&E Hinkley - GMP, 30046045

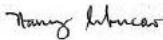
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 13, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044959

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



ASSET Laboratories

Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044959
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044959-001A	MW-148S-Q221	Groundwater	4/13/2021 8:32:00 AM	4/13/2021	4/28/2021
N044959-001B	MW-148S-Q221	Groundwater	4/13/2021 8:32:00 AM	4/13/2021	4/28/2021
N044959-002A	MW-168S-Q221	Groundwater	4/13/2021 9:18:00 AM	4/13/2021	4/28/2021
N044959-002B	MW-168S-Q221	Groundwater	4/13/2021 9:18:00 AM	4/13/2021	4/28/2021
N044959-003A	MW-169S2-Q221	Groundwater	4/13/2021 9:54:00 AM	4/13/2021	4/28/2021
N044959-003B	MW-169S2-Q221	Groundwater	4/13/2021 9:54:00 AM	4/13/2021	4/28/2021
N044959-004A	MW-176S-Q221	Groundwater	4/13/2021 11:54:00 AM	4/13/2021	4/28/2021
N044959-004B	MW-176S-Q221	Groundwater	4/13/2021 11:54:00 AM	4/13/2021	4/28/2021
N044959-005A	MW-187D2-Q221	Groundwater	4/13/2021 11:08:00 AM	4/13/2021	4/28/2021
N044959-005B	MW-187D2-Q221	Groundwater	4/13/2021 11:08:00 AM	4/13/2021	4/28/2021
N044959-006A	MW-110S-Q221	Groundwater	4/13/2021 1:57:00 PM	4/13/2021	4/28/2021
N044959-006B	MW-110S-Q221	Groundwater	4/13/2021 1:57:00 PM	4/13/2021	4/28/2021
N044959-007A	MW-110D-Q221	Groundwater	4/13/2021 1:24:00 PM	4/13/2021	4/28/2021
N044959-007B	MW-110D-Q221	Groundwater	4/13/2021 1:24:00 PM	4/13/2021	4/28/2021
N044959-008A	MW-949-Q221	Groundwater	4/13/2021 1:34:00 PM	4/13/2021	4/28/2021
N044959-008B	MW-949-Q221	Groundwater	4/13/2021 1:34:00 PM	4/13/2021	4/28/2021
N044959-009A	MW-199D1-Q221	Groundwater	4/13/2021 8:22:00 AM	4/13/2021	4/28/2021
N044959-009B	MW-199D1-Q221	Groundwater	4/13/2021 8:22:00 AM	4/13/2021	4/28/2021
N044959-010A	MW-199D2-Q221	Groundwater	4/13/2021 10:06:00 AM	4/13/2021	4/28/2021
N044959-010B	MW-199D2-Q221	Groundwater	4/13/2021 10:06:00 AM	4/13/2021	4/28/2021
N044959-011A	MW-199S1-Q221	Groundwater	4/13/2021 9:11:00 AM	4/13/2021	4/28/2021
N044959-011B	MW-199S1-Q221	Groundwater	4/13/2021 9:11:00 AM	4/13/2021	4/28/2021
N044959-012A	MW-151D1-Q221	Groundwater	4/13/2021 11:05:00 AM	4/13/2021	4/28/2021
N044959-012B	MW-151D1-Q221	Groundwater	4/13/2021 11:05:00 AM	4/13/2021	4/28/2021
N044959-013A	MW-151D2-Q221	Groundwater	4/13/2021 11:46:00 AM	4/13/2021	4/28/2021
N044959-013B	MW-151D2-Q221	Groundwater	4/13/2021 11:46:00 AM	4/13/2021	4/28/2021
N044959-014A	MW-151S-Q221	Groundwater	4/13/2021 12:22:00 PM	4/13/2021	4/28/2021
N044959-014B	MW-151S-Q221	Groundwater	4/13/2021 12:22:00 PM	4/13/2021	4/28/2021
N044959-015A	MW-190D1-Q221	Groundwater	4/13/2021 1:41:00 PM	4/13/2021	4/28/2021



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044959
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044959-015B	MW-190D1-Q221	Groundwater	4/13/2021 1:41:00 PM	4/13/2021	4/28/2021
N044959-016A	MW-190D2-Q221	Groundwater	4/13/2021 2:19:00 PM	4/13/2021	4/28/2021
N044959-016B	MW-190D2-Q221	Groundwater	4/13/2021 2:19:00 PM	4/13/2021	4/28/2021
N044959-017A	MW-190S1-Q221	Groundwater	4/13/2021 1:04:00 PM	4/13/2021	4/28/2021
N044959-017B	MW-190S1-Q221	Groundwater	4/13/2021 1:04:00 PM	4/13/2021	4/28/2021
N044959-018A	MW-109-Q221	Groundwater	4/13/2021 11:56:00 AM	4/13/2021	4/28/2021
N044959-018B	MW-109-Q221	Groundwater	4/13/2021 11:56:00 AM	4/13/2021	4/28/2021
N044959-019A	MW-92C-Q221	Groundwater	4/13/2021 12:55:00 PM	4/13/2021	4/28/2021
N044959-019B	MW-92C-Q221	Groundwater	4/13/2021 12:55:00 PM	4/13/2021	4/28/2021
N044959-020A	MW-108D-Q221	Groundwater	4/13/2021 9:56:00 AM	4/13/2021	4/28/2021
N044959-020B	MW-108D-Q221	Groundwater	4/13/2021 9:56:00 AM	4/13/2021	4/28/2021
N044959-021A	MW-28C-Q221	Groundwater	4/13/2021 9:15:00 AM	4/13/2021	4/28/2021
N044959-021B	MW-28C-Q221	Groundwater	4/13/2021 9:15:00 AM	4/13/2021	4/28/2021
N044959-022A	MW-91C-Q221	Groundwater	4/13/2021 8:27:00 AM	4/13/2021	4/28/2021
N044959-022B	MW-91C-Q221	Groundwater	4/13/2021 8:27:00 AM	4/13/2021	4/28/2021
N044959-023A	MW-99C-Q221	Groundwater	4/13/2021 2:09:00 PM	4/13/2021	4/28/2021
N044959-023B	MW-99C-Q221	Groundwater	4/13/2021 2:09:00 PM	4/13/2021	4/28/2021
N044959-024A	EB-729-Q221	Groundwater	4/13/2021 2:15:00 PM	4/13/2021	4/28/2021
N044959-025A	EB-731-Q221	Groundwater	4/13/2021 2:20:00 PM	4/13/2021	4/28/2021
N044959-026A	EB-732-Q221	Groundwater	4/13/2021 2:30:00 PM	4/13/2021	4/28/2021



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-001

Client Sample ID: MW-148S-Q221
Collection Date: 4/13/2021 8:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414B	QC Batch: R152069			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/14/2021 03:50 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415B	QC Batch: 87064			PrepDate:	4/14/2021	Analyst: CEI	
Chromium	2.3	0.13	1.0		µg/L	1	4/16/2021 04:14 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-002

Client Sample ID: MW-168S-Q221
Collection Date: 4/13/2021 9:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414B	QC Batch: R152069			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/14/2021 03:59 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415B	QC Batch: 87064			PrepDate:	4/14/2021	Analyst: CEI	
Chromium	1.8	0.13	1.0		µg/L	1	4/16/2021 04:20 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-003

Client Sample ID: MW-169S2-Q221
Collection Date: 4/13/2021 9:54:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414B	QC Batch: R152069			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/14/2021 04:09 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415B	QC Batch: 87064			PrepDate:	4/14/2021	Analyst: CEI	
Chromium	1.9	0.13	1.0		µg/L	1	4/16/2021 04:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-004

Client Sample ID: MW-176S-Q221
Collection Date: 4/13/2021 11:54:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/14/2021 04:18 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate:		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/16/2021 04:58 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-005

Client Sample ID: MW-187D2-Q221
Collection Date: 4/13/2021 11:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/14/2021 04:27 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	2.6	0.13	1.0		µg/L	1	4/16/2021 05:03 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-006

Client Sample ID: MW-110S-Q221
Collection Date: 4/13/2021 1:57:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.0	0.033	0.20		µg/L	1	4/14/2021 04:37 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	3.4	0.13	1.0		µg/L	1	4/16/2021 05:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-007

Client Sample ID: MW-110D-Q221
Collection Date: 4/13/2021 1:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/14/2021 04:46 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	1.9	0.13	1.0		µg/L	1	4/16/2021 05:15 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-008

Client Sample ID: MW-949-Q221
Collection Date: 4/13/2021 1:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/14/2021 04:56 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	2.0	0.13	1.0		µg/L	1	4/16/2021 05:21 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-009

Client Sample ID: MW-199D1-Q221
Collection Date: 4/13/2021 8:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414B	QC Batch: R152069			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.4	0.033	0.20		µg/L	1	4/14/2021 05:05 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415B	QC Batch: 87064			PrepDate:	4/14/2021	Analyst: CEI	
Chromium	2.8	0.13	1.0		µg/L	1	4/16/2021 05:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-010

Client Sample ID: MW-199D2-Q221
Collection Date: 4/13/2021 10:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.40	0.033	0.20		µg/L	1	4/14/2021 05:15 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/16/2021 05:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-011

Client Sample ID: MW-199S1-Q221
Collection Date: 4/13/2021 9:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.47	0.033	0.20		µg/L	1	4/14/2021 01:28 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/16/2021 06:03 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-012

Client Sample ID: MW-151D1-Q221
Collection Date: 4/13/2021 11:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/14/2021 06:48 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	2.8	0.13	1.0		µg/L	1	4/16/2021 11:56 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-013

Client Sample ID: MW-151D2-Q221
Collection Date: 4/13/2021 11:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.6	0.033	0.20		µg/L	1	4/14/2021 05:45 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/16/2021 06:32 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-014

Client Sample ID: MW-151S-Q221
Collection Date: 4/13/2021 12:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.25	0.033	0.20		µg/L	1	4/14/2021 05:55 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/16/2021 06:38 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-015

Client Sample ID: MW-190D1-Q221
Collection Date: 4/13/2021 1:41:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.033	0.20		µg/L	1	4/14/2021 08:04 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	1.8	0.13	1.0		µg/L	1	4/16/2021 06:44 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-016

Client Sample ID: MW-190D2-Q221
Collection Date: 4/13/2021 2:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414C	QC Batch: R152070			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/14/2021 08:14 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210415B	QC Batch: 87064			PrepDate:	4/14/2021	Analyst: CEI	
Chromium	1.7	0.13	1.0		µg/L	1	4/16/2021 07:01 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-017

Client Sample ID: MW-190S1-Q221
Collection Date: 4/13/2021 1:04:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.6	0.033	0.20		µg/L	1	4/14/2021 08:23 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	2.8	0.13	1.0		µg/L	1	4/16/2021 07:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-018

Client Sample ID: MW-109-Q221
Collection Date: 4/13/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.1	0.033	0.20		µg/L	1	4/14/2021 08:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	3.0	0.13	1.0		µg/L	1	4/16/2021 07:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-019

Client Sample ID: MW-92C-Q221
Collection Date: 4/13/2021 12:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	25	0.17	1.0		µg/L	5	4/14/2021 08:42 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	25	0.13	1.0		µg/L	1	4/16/2021 07:19 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-020

Client Sample ID: MW-108D-Q221
Collection Date: 4/13/2021 9:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/14/2021 08:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/16/2021 05:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-021

Client Sample ID: MW-28C-Q221
Collection Date: 4/13/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.33	0.033	0.20		µg/L	1	4/14/2021 07:17 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210415B	QC Batch: 87064		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/16/2021 07:31 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-022

Client Sample ID: MW-91C-Q221
Collection Date: 4/13/2021 8:27:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/14/2021 09:01 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate:		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/16/2021 12:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-023

Client Sample ID: MW-99C-Q221
Collection Date: 4/13/2021 2:09:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414C	QC Batch: R152070		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/14/2021 09:10 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	ND	0.13	1.0		µg/L	1	4/16/2021 12:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-024

Client Sample ID: EB-729-Q221
Collection Date: 4/13/2021 2:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210414C	QC Batch: R152070	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/14/2021 09:39 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-025

Client Sample ID: EB-731-Q221
Collection Date: 4/13/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC

EPA 218.6

RunID: NV00922-IC7_210414C	QC Batch: R152070			PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20	µg/L	1	4/14/2021 09:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044959
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044959-026

Client Sample ID: EB-732-Q221
Collection Date: 4/13/2021 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210414C	QC Batch: R152070	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/14/2021 09:58 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044959
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: LCS-R152069	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152069			
Client ID: LCSW	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021				SeqNo: 4174150			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.937	0.20	5.000	0	98.7	90	110				

Sample ID: MB-R152069	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152069			
Client ID: PBW	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021				SeqNo: 4174151			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N044959-011AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152069			
Client ID: ZZZZZZ	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021				SeqNo: 4174161			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.528	0.20	1.000	0.4723	106	90	110				

Sample ID: N044959-011AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152069			
Client ID: ZZZZZZ	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021				SeqNo: 4174162			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.524	0.20	1.000	0.4723	105	90	110	1.528	0.243	20	

Sample ID: N044960-007ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152069			
Client ID: ZZZZZZ	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021				SeqNo: 4174179			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	347.880	20						351.4	1.01	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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 ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044959
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044960-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152069						
Client ID: ZZZZZZ	Batch ID: R152069	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174180							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	848.980	20	500.0	351.4	99.5	90	110				

Qualifiers:

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ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044959
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: MB-R152070	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152070			
Client ID: PBW	Batch ID: R152070	TestNo: EPA 218.6		Analysis Date: 4/14/2021				SeqNo: 4174189			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R152070	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070						
Client ID: LCSW	Batch ID: R152070	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174190						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 4.979 0.20 5.000 0 99.6 90 110

Sample ID: N044959-012AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070						
Client ID: ZZZZZZ	Batch ID: R152070	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 3.563 0.20 1.000 2.537 103 90 110

Sample ID: N044959-012AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070						
Client ID: ZZZZZZ	Batch ID: R152070	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174193						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 3.578 0.20 1.000 2.537 104 90 110 3.563 0.403 20

Sample ID: N044959-021ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070						
Client ID: ZZZZZZ	Batch ID: R152070	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174197						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 0.320 0.20 0.3298 2.99 20

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
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| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044959
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044959-021AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070						
Client ID: ZZZZZZ	Batch ID: R152070	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174198							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.338	0.20	1.000	0.3298	101	90	110				
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Sample ID: N044887-015AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152070						
Client ID: ZZZZZZ	Batch ID: R152070	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4179315							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.142	0.20	1.000	1.102	104	90	110				
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Qualifiers:

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DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044959
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87064	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134						
Client ID: PBW	Batch ID: 87064	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4177216						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID: LCS-87064	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134						
Client ID: LCSW	Batch ID: 87064	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4177217						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.142 1.0 10.00 0 101 85 115

Sample ID: N044959-011BMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134						
Client ID: ZZZZZZ	Batch ID: 87064	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4177235						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.084 1.0 10.00 0.7865 93.0 75 125

Sample ID: N044959-011BMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152134						
Client ID: ZZZZZZ	Batch ID: 87064	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4177236						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 9.969 1.0 10.00 0.7865 91.8 75 125 10.08 1.15 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044959
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87070	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: PBW	Batch ID: 87070	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4180036
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium	ND	1.0			
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Sample ID: LCS-87070	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: LCSW	Batch ID: 87070	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4180037
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium	10.173	1.0	10.00	0	102	85	115			
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Sample ID: N044959-012BMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: ZZZZZZ	Batch ID: 87070	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4180041
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium	12.400	1.0	10.00	2.844	95.6	75	125			
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Sample ID: N044959-012BMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: ZZZZZZ	Batch ID: 87070	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4180042
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium	12.220	1.0	10.00	2.844	93.8	75	125	12.40	1.46	20
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Qualifiers:

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DO	Surrogate Diluted Out		Calculations are based on raw values		



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CHAIN OF CUSTODY RECORD

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Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled	
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address:		Geotracker		RWQCB		2. Headspace	
Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		Labspec		CalTrans		3. Container Intact	
Submitted By: Brian Martinez		Phone: 1 916 865 3168		Phone: 951.677.0577		Others		LEVEL III		4. Seal Present	
Title: Field Tech		Fax:		Fax:		Specify: EQ EDD		LEVEL IV		5. IR number	
Signature: <i>[Signature]</i> Date: 4/13/21		Sampled By: <i>Rissie To</i>		Matrix		Global ID:		Regulatory		6. Method of Cooling:	
I hereby authorize ASSET Labs to perform the tests indicated below.		Signature: <i>[Signature]</i> Date: 4/13/21		Ground-water x Sediment		Specify State:		Sample Temp: 100 2.64 / 3.34		Courier: <i>ASSET</i>	
Project Name: PG&E Hinkley - GMP		Signature: <i>[Signature]</i> Date: 4/13/21		Potable		Ground-water x Sediment		NPDES		Tracking No.:	
Project Number: 30048045		Signature: <i>[Signature]</i> Date: 4/13/21		Surface		NPDES		Surface		Remarks	

Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (E2020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E010BDE) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E2020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E2020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (E015B) 3x1 Liter Amber Glass, 4°C	TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks
	N044959-01	MW-148S-Q221	4/13/2021	0832		X									X								E 2		
	-02	MW-168S-Q221	4/13/2021	0918		X									X								E 2		
	-03	MW-169S2-Q221	4/13/2021	0954		X									X								E 2		
	-04	MW-176S-Q221	4/13/2021	1154		X									X								E 2		
	-05	MW-187D2-Q221	4/13/2021	1108		X									X								E 2		
	-06	MW-110S-Q221	4/13/2021	1357		X									X								E 2		
	-07	MW-110D-Q221	4/13/2021	1324		X									X								E 2		
	-08	MW-949-Q221	4/13/2021	1334		X									X								E 2		
	-09	MW-199D1-Q221	4/13/2021	0822		X									X								E 2		
	-10	MW-199D2-Q221	4/13/2021	1006		X									X								E 2		
	-11	MW-199S1-Q221	4/13/2021	0911		X									X								E 2		MSMSD

Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1520	Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1520	<p>Turn Around Time (TAT)</p> <p> <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays </p> <p>TAT Starts at 8 AM the following day if samples received after 3:00PM.</p>	<p>Special Instruction:</p>
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1841	Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1841		
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1841	Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/13/21 1841		

<p>Terms</p> <p>1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.</p> <p>2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis</p> <p>Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20%</p> <p>3. Custom EDD formats will be an additional 3% of the total project price.</p> <p>4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on total</p>	<p>5. Trip Blank and Equipment Blank are billable sample.</p> <p>6. Asset Laboratories is not responsible for samples collected using incorrect methodology.</p> <p>7. Terms are net 30 days.</p> <p>8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.</p> <p>9. For subcontract analysis, TAT and Surcharges will vary.</p>	<p>Preservatives:</p> <p>H=HCL N=HNO3 S=H2SO4 C=4°C</p> <p>Z=Zn(AC)2 O=NaOH T=Na2S2O3</p> <p>Others/Specify: B (NH4)2SO4/NH4OH</p>	<p>Container Type:</p> <p>T=Tube V=VOA P=Pin</p> <p>J=Jar B=Bedlar G=Glass</p> <p>M=Metal M=Metal C=Can</p>
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Page 2 of 2

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[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/13/2021

Workorder: N044959

Rep sample Temp (Deg C): 2.6/3.3

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YR

4/19/2021

Reviewed By:

ABC

4/20/2021

ASSET Laboratories

WORK ORDER Summary

20-Apr-21

WorkOrder: N044959

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044959-001A	MW-148S-Q221	4/13/2021 8:32:00 AM	4/27/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-001B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-002A	MW-168S-Q221	4/13/2021 9:18:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-002B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-003A	MW-169S2-Q221	4/13/2021 9:54:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-003B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-004A	MW-176S-Q221	4/13/2021 11:54:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-004B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-005A	MW-187D2-Q221	4/13/2021 11:08:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-005B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-006A	MW-110S-Q221	4/13/2021 1:57:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-006B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-007A	MW-110D-Q221	4/13/2021 1:24:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-007B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-008A	MW-949-Q221	4/13/2021 1:34:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

20-Apr-21

WorkOrder: N044959

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044959-008B	MW-949-Q221	4/13/2021 1:34:00 PM	4/27/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-009A	MW-199D1-Q221	4/13/2021 8:22:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-009B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-010A	MW-199D2-Q221	4/13/2021 10:06:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-010B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-011A	MW-199S1-Q221	4/13/2021 9:11:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044959-011B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044959-012A	MW-151D1-Q221	4/13/2021 11:05:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044959-012B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N044959-013A	MW-151D2-Q221	4/13/2021 11:46:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-013B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-014A	MW-151S-Q221	4/13/2021 12:22:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-014B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-015A	MW-190D1-Q221	4/13/2021 1:41:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-015B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

20-Apr-21

WorkOrder: N044959

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044959-015B	MW-190D1-Q221	4/13/2021 1:41:00 PM	4/27/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-016A	MW-190D2-Q221	4/13/2021 2:19:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-016B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-017A	MW-190S1-Q221	4/13/2021 1:04:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-017B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-018A	MW-109-Q221	4/13/2021 11:56:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-018B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-019A	MW-92C-Q221	4/13/2021 12:55:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-019B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-020A	MW-108D-Q221	4/13/2021 9:56:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-020B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-021A	MW-28C-Q221	4/13/2021 9:15:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-021B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-022A	MW-91C-Q221	4/13/2021 8:27:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-022B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

20-Apr-21

WorkOrder: N044959

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044959-023A	MW-99C-Q221	4/13/2021 2:09:00 PM	4/27/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-023B			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-024A	EB-729-Q221	4/13/2021 2:15:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-025A	EB-731-Q221	4/13/2021 2:20:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-026A	EB-732-Q221	4/13/2021 2:30:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044959-027A	FOLDER	4/27/2021	4/27/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/27/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/27/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 28, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044960

RE: PG&E Hinkley - COMP B, 30046045

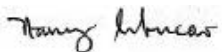
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 13, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044960

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.9 ug/L) for sample N044960-001 (SA-MW-27D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank MB-R152072 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Iron in QC sample N044960-001D-MSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044960

CASE NARRATIVE

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.9 ug/L) for sample N044960-001 (SA-MW-27D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.8 and 2.2 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Analytical Comments for SM 5310C:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N044958-004EMS and N044958-004EMSD at lower dilution possibly due to matrix interference. QC samples were further diluted and recovery passed criteria. Thus sample reference N044958-004 and MS/MSD were reported at 10x dilution. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories

Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044960
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044960-001A	SA-MW-27D-Q221	Groundwater	4/13/2021 12:33:00 PM	4/13/2021	4/28/2021
N044960-001B	SA-MW-27D-Q221	Groundwater	4/13/2021 12:33:00 PM	4/13/2021	4/28/2021
N044960-001C	SA-MW-27D-Q221	Groundwater	4/13/2021 12:33:00 PM	4/13/2021	4/28/2021
N044960-001D	SA-MW-27D-Q221	Groundwater	4/13/2021 12:33:00 PM	4/13/2021	4/28/2021
N044960-002A	SA-MW-39D-Q221	Groundwater	4/13/2021 10:16:00 AM	4/13/2021	4/28/2021
N044960-002B	SA-MW-39D-Q221	Groundwater	4/13/2021 10:16:00 AM	4/13/2021	4/28/2021
N044960-002C	SA-MW-39D-Q221	Groundwater	4/13/2021 10:16:00 AM	4/13/2021	4/28/2021
N044960-002D	SA-MW-39D-Q221	Groundwater	4/13/2021 10:16:00 AM	4/13/2021	4/28/2021
N044960-003A	SA-MW-39S-Q221	Groundwater	4/13/2021 9:35:00 AM	4/13/2021	4/28/2021
N044960-003B	SA-MW-39S-Q221	Groundwater	4/13/2021 9:35:00 AM	4/13/2021	4/28/2021
N044960-003C	SA-MW-39S-Q221	Groundwater	4/13/2021 9:35:00 AM	4/13/2021	4/28/2021
N044960-003D	SA-MW-39S-Q221	Groundwater	4/13/2021 9:35:00 AM	4/13/2021	4/28/2021
N044960-004A	SA-MW-40D-Q221	Groundwater	4/13/2021 8:57:00 AM	4/13/2021	4/28/2021
N044960-004B	SA-MW-40D-Q221	Groundwater	4/13/2021 8:57:00 AM	4/13/2021	4/28/2021
N044960-004C	SA-MW-40D-Q221	Groundwater	4/13/2021 8:57:00 AM	4/13/2021	4/28/2021
N044960-004D	SA-MW-40D-Q221	Groundwater	4/13/2021 8:57:00 AM	4/13/2021	4/28/2021
N044960-005A	SA-MW-40S-Q221	Groundwater	4/13/2021 8:21:00 AM	4/13/2021	4/28/2021
N044960-005B	SA-MW-40S-Q221	Groundwater	4/13/2021 8:21:00 AM	4/13/2021	4/28/2021
N044960-005C	SA-MW-40S-Q221	Groundwater	4/13/2021 8:21:00 AM	4/13/2021	4/28/2021
N044960-005D	SA-MW-40S-Q221	Groundwater	4/13/2021 8:21:00 AM	4/13/2021	4/28/2021
N044960-006A	SA-MW-42M-Q221	Groundwater	4/13/2021 11:00:00 AM	4/13/2021	4/28/2021
N044960-006B	SA-MW-42M-Q221	Groundwater	4/13/2021 11:00:00 AM	4/13/2021	4/28/2021
N044960-006C	SA-MW-42M-Q221	Groundwater	4/13/2021 11:00:00 AM	4/13/2021	4/28/2021
N044960-006D	SA-MW-42M-Q221	Groundwater	4/13/2021 11:00:00 AM	4/13/2021	4/28/2021
N044960-007A	SA-MW-42S-Q221	Groundwater	4/13/2021 11:42:00 AM	4/13/2021	4/28/2021
N044960-007B	SA-MW-42S-Q221	Groundwater	4/13/2021 11:42:00 AM	4/13/2021	4/28/2021
N044960-007C	SA-MW-42S-Q221	Groundwater	4/13/2021 11:42:00 AM	4/13/2021	4/28/2021
N044960-007D	SA-MW-42S-Q221	Groundwater	4/13/2021 11:42:00 AM	4/13/2021	4/28/2021
N044960-008A	X-12-Q221	Groundwater	4/13/2021 12:10:00 PM	4/13/2021	4/28/2021



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N044960
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044960-008B	X-12-Q221	Groundwater	4/13/2021 12:10:00 PM	4/13/2021	4/28/2021
N044960-008C	X-12-Q221	Groundwater	4/13/2021 12:10:00 PM	4/13/2021	4/28/2021
N044960-008D	X-12-Q221	Groundwater	4/13/2021 12:10:00 PM	4/13/2021	4/28/2021
N044960-008E	X-12-Q221	Groundwater	4/13/2021 12:10:00 PM	4/13/2021	4/28/2021
N044960-009A	X-13-Q221	Groundwater	4/13/2021 12:30:00 PM	4/13/2021	4/28/2021
N044960-009B	X-13-Q221	Groundwater	4/13/2021 12:30:00 PM	4/13/2021	4/28/2021
N044960-009C	X-13-Q221	Groundwater	4/13/2021 12:30:00 PM	4/13/2021	4/28/2021
N044960-009D	X-13-Q221	Groundwater	4/13/2021 12:30:00 PM	4/13/2021	4/28/2021
N044960-009E	X-13-Q221	Groundwater	4/13/2021 12:30:00 PM	4/13/2021	4/28/2021
N044960-010A	MW-944-Q221	Groundwater	4/13/2021 12:40:00 PM	4/13/2021	4/28/2021
N044960-010B	MW-944-Q221	Groundwater	4/13/2021 12:40:00 PM	4/13/2021	4/28/2021
N044960-010C	MW-944-Q221	Groundwater	4/13/2021 12:40:00 PM	4/13/2021	4/28/2021
N044960-010D	MW-944-Q221	Groundwater	4/13/2021 12:40:00 PM	4/13/2021	4/28/2021
N044960-010E	MW-944-Q221	Groundwater	4/13/2021 12:40:00 PM	4/13/2021	4/28/2021
N044960-011A	X-16-Q221	Groundwater	4/13/2021 1:29:00 PM	4/13/2021	4/28/2021
N044960-012A	EB-733-Q221	Groundwater	4/13/2021 2:00:00 PM	4/13/2021	4/28/2021
N044960-013A	EB-730-Q221	Groundwater	4/13/2021 2:10:00 PM	4/13/2021	4/28/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-008

Client Sample ID: X-12-Q221
Collection Date: 4/13/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1200	13	13	mg/L	1	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-009

Client Sample ID: X-13-Q221
Collection Date: 4/13/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	970	13	13	mg/L	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-010

Client Sample ID: MW-944-Q221
Collection Date: 4/13/2021 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	970	13	13	mg/L	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87131	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/17/2021	RunNo: 152119
Client ID: LCSW	Batch ID: 87131	TestNo: SM2540C	Analysis Date: 4/17/2021	SeqNo: 4176088
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	957.000	10 1000 0	95.7 80 120	

Sample ID: MB-87131	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/17/2021	RunNo: 152119
Client ID: PBW	Batch ID: 87131	TestNo: SM2540C	Analysis Date: 4/17/2021	SeqNo: 4176089
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	ND	10		

Sample ID: N044981-004CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/17/2021	RunNo: 152119
Client ID: ZZZZZZ	Batch ID: 87131	TestNo: SM2540C	Analysis Date: 4/17/2021	SeqNo: 4176097
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	4015.000	50	4030 0.373	5

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-008

Client Sample ID: X-12-Q221
Collection Date: 4/13/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210416B	QC Batch: 87065	PrepDate: 4/14/2021	Analyst: CEI
Uranium	36 0.024 0.67	pCi/L	1 4/17/2021 12:25 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87065	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: PBW	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180204
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID: LCS-87065	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: LCSW	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180205
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.154	0.67	6.700	0	107 85 115

Sample ID: N044958-001E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180209
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	12.804	0.67	6.700	5.222	113 75 125

Sample ID: N044958-001E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/16/2021	SeqNo: 4180210
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	12.617	0.67	6.700	5.222	110 75 125 12.80 1.47 20

Sample ID: N044960-008E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/14/2021	RunNo: 152188
Client ID: ZZZZZZ	Batch ID: 87065	TestNo: EPA 200.8		Analysis Date: 4/17/2021	SeqNo: 4180227
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	43.122	0.67	6.700	35.52	113 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-001

Client Sample ID: SA-MW-27D-Q221
Collection Date: 4/13/2021 12:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414A	QC Batch: R152068			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/14/2021 11:06 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Chromium	2.7	0.13	1.0		µg/L	1	4/16/2021 12:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-002

Client Sample ID: SA-MW-39D-Q221
Collection Date: 4/13/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	380	1.7	10		µg/L	50	4/14/2021 12:21 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	380	0.65	5.0		µg/L	5	4/16/2021 01:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-003

Client Sample ID: SA-MW-39S-Q221
Collection Date: 4/13/2021 9:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	110	0.66	4.0		µg/L	20	4/14/2021 12:02 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	110	0.13	1.0		µg/L	1	4/16/2021 01:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-004

Client Sample ID: SA-MW-40D-Q221
Collection Date: 4/13/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414A	QC Batch: R152068			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.2	0.033	0.20		µg/L	1	4/14/2021 11:25 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Chromium	1.7	0.13	1.0		µg/L	1	4/16/2021 01:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-005

Client Sample ID: SA-MW-40S-Q221
Collection Date: 4/13/2021 8:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	88	0.66	4.0		µg/L	20	4/14/2021 12:12 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	84	0.13	1.0		µg/L	1	4/16/2021 01:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-006

Client Sample ID: SA-MW-42M-Q221
Collection Date: 4/13/2021 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	340	1.7	10		µg/L	50	4/14/2021 02:15 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	360	0.65	5.0		µg/L	5	4/16/2021 02:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-007

Client Sample ID: SA-MW-42S-Q221
Collection Date: 4/13/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	350	3.3	20		µg/L	100	4/14/2021 02:24 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	370	0.65	5.0		µg/L	5	4/16/2021 02:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-008

Client Sample ID: X-12-Q221
Collection Date: 4/13/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414A	QC Batch: R152068		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.033	0.20		µg/L	1	4/14/2021 11:34 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	2.9	0.13	1.0		µg/L	1	4/16/2021 01:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-009

Client Sample ID: X-13-Q221
Collection Date: 4/13/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210414B	QC Batch: R152069	PrepDate: Analyst: RAB					
Hexavalent Chromium	52	0.33	2.0		µg/L	10	4/14/2021 02:34 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210416A	QC Batch: 87070	PrepDate: 4/14/2021 Analyst: CEI					
Chromium	50	0.13	1.0		µg/L	1	4/16/2021 01:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-010

Client Sample ID: MW-944-Q221
Collection Date: 4/13/2021 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210414B	QC Batch: R152069		PrepDate:		Analyst: RAB		
Hexavalent Chromium	52	0.33	2.0		µg/L	10	4/14/2021 02:43 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070		PrepDate: 4/14/2021		Analyst: CEI		
Chromium	52	0.13	1.0		µg/L	1	4/16/2021 01:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-012

Client Sample ID: EB-733-Q221
Collection Date: 4/13/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210414B	QC Batch: R152069	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/14/2021 02:53 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-013

Client Sample ID: EB-730-Q221
Collection Date: 4/13/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210414B	QC Batch: R152069	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/14/2021 03:02 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152068	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: PBW	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174112
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152068	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: LCSW	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174113
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.903	0.20	5.000	0	98.1 90 110

Sample ID: N044960-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: ZZZZZ	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174138
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	625.960	10	250.0	378.6	98.9 90 110

Sample ID: N044960-002AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: ZZZZZ	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174139
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	630.050	10	250.0	378.6	101 90 110 626.0 0.651 20

Sample ID: N044958-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068
Client ID: ZZZZZ	Batch ID: R152068	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174140
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	198.682	4.0	100.0	97.32	101 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044958-012ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152068						
Client ID: ZZZZZZ	Batch ID: R152068	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174141							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	15.656	0.20						15.63	0.190	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R152069	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152069						
Client ID: LCSW	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174150						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	4.937	0.20	5.000	0	98.7	90	110				
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Sample ID: MB-R152069	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152069						
Client ID: PBW	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174151						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: N044959-011AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152069						
Client ID: ZZZZZZ	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174161						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.528	0.20	1.000	0.4723	106	90	110				
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Sample ID: N044959-011AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152069						
Client ID: ZZZZZZ	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174162						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.524	0.20	1.000	0.4723	105	90	110	1.528	0.243	20	
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Sample ID: N044960-007ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152069						
Client ID: ZZZZZZ	Batch ID: R152069	TestNo: EPA 218.6		Analysis Date: 4/14/2021	SeqNo: 4174179						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	347.880	20						351.4	1.01	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044960-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152069						
Client ID: ZZZZZZ	Batch ID: R152069	TestNo: EPA 218.6	Analysis Date: 4/14/2021	SeqNo: 4174180							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	848.980	20	500.0	351.4	99.5	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87070	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: PBW	Batch ID: 87070	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4180036
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87070	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: LCSW	Batch ID: 87070	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4180037
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.173 1.0 10.00 0 102 85 115

Sample ID: N044959-012BMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: ZZZZZZ	Batch ID: 87070	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4180041
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 12.400 1.0 10.00 2.844 95.6 75 125

Sample ID: N044959-012BMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: ZZZZZZ	Batch ID: 87070	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/16/2021	SeqNo: 4180042
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 12.220 1.0 10.00 2.844 93.8 75 125 12.40 1.46 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-001

Client Sample ID: SA-MW-27D-Q221
Collection Date: 4/13/2021 12:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050	PrepDate:	Analyst: RAB
Nitrate as N	4.0 0.044 0.25	mg/L	5 4/14/2021 09:20 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-002

Client Sample ID: SA-MW-39D-Q221
Collection Date: 4/13/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	6.8 0.044 0.25	mg/L	5 4/15/2021 08:24 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-003

Client Sample ID: SA-MW-39S-Q221
Collection Date: 4/13/2021 9:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050	PrepDate:	Analyst: RAB
Nitrate as N	17 0.087 0.50	mg/L	10 4/14/2021 06:06 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-004

Client Sample ID: SA-MW-40D-Q221
Collection Date: 4/13/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050	PrepDate:	Analyst: RAB
Nitrate as N	0.83 0.017 0.10	mg/L	2 4/14/2021 06:37 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-005

Client Sample ID: SA-MW-40S-Q221
Collection Date: 4/13/2021 8:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050	PrepDate:	Analyst: RAB
Nitrate as N	3.0 0.044 0.25	mg/L	5 4/14/2021 09:35 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-006

Client Sample ID: SA-MW-42M-Q221
Collection Date: 4/13/2021 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050			PrepDate:		Analyst: RAB
Nitrate as N	8.2	0.17	1.0	mg/L	20	4/14/2021 05:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-007

Client Sample ID: SA-MW-42S-Q221
Collection Date: 4/13/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050	PrepDate:	Analyst: RAB
Nitrate as N	14 0.087 0.50	mg/L	10 4/14/2021 09:51 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-008

Client Sample ID: X-12-Q221
Collection Date: 4/13/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050	PrepDate:	Analyst: RAB
Nitrate as N	18 0.17	1.0	mg/L
			20 4/14/2021 10:06 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-009

Client Sample ID: X-13-Q221
Collection Date: 4/13/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050	PrepDate:	Analyst: RAB
Nitrate as N	12 0.087 0.50	mg/L	10 4/14/2021 10:21 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-010

Client Sample ID: MW-944-Q221
Collection Date: 4/13/2021 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414B	QC Batch: R152050	PrepDate:	Analyst: RAB
Nitrate as N	12 0.087 0.50	mg/L	10 4/14/2021 10:36 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-011

Client Sample ID: X-16-Q221
Collection Date: 4/13/2021 1:29:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210414A	QC Batch: R152048			PrepDate:	Analyst: RAB		
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/14/2021 10:40 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: LCS-R152048_PO4	SampType: LCS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152048		
Client ID: LCSW	Batch ID: R152048	TestNo: EPA 300.0				Analysis Date: 4/14/2021			SeqNo: 4173329		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.239	0.10	1.250	0	99.1	90	110				

Sample ID: MB-R152048_PO4	SampType: MBLK	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152048		
Client ID: PBW	Batch ID: R152048	TestNo: EPA 300.0				Analysis Date: 4/14/2021			SeqNo: 4173330		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID: N044960-011AMS	SampType: MS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152048		
Client ID: ZZZZZZ	Batch ID: R152048	TestNo: EPA 300.0				Analysis Date: 4/14/2021			SeqNo: 4173334		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	2.698	0.20	2.500	0	108	80	120				

Sample ID: N044960-011AMSD	SampType: MSD	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152048		
Client ID: ZZZZZZ	Batch ID: R152048	TestNo: EPA 300.0				Analysis Date: 4/14/2021			SeqNo: 4173335		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	2.704	0.20	2.500	0	108	80	120	2.698	0.237	20	

Sample ID: N044960-011ADUP	SampType: DUP	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152048		
Client ID: ZZZZZZ	Batch ID: R152048	TestNo: EPA 300.0				Analysis Date: 4/14/2021			SeqNo: 4173336		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.20						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: LCS-R152050_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152050						
Client ID: LCSW	Batch ID: R152050	TestNo: EPA 300.0		Analysis Date: 4/14/2021	SeqNo: 4173503						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.265	0.050	1.250	0	101	90	110				
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Sample ID: MB-R152050_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152050			
Client ID: PBW	Batch ID: R152050	TestNo: EPA 300.0	Analysis Date: 4/14/2021				SeqNo: 4173504				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	ND	0.050									
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Sample ID: N044960-006BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152050						
Client ID: ZZZZZZ	Batch ID: R152050	TestNo: EPA 300.0		Analysis Date: 4/14/2021	SeqNo: 4173510						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	33.086	1.0	25.00	8.234	99.4	80	120				
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Sample ID: N044960-006BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:					RunNo: 152050		
Client ID: ZZZZZZ	Batch ID: R152050	TestNo: EPA 300.0		Analysis Date: 4/14/2021					SeqNo: 4173511		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	33.392	1.0	25.00	8.234	101	80	120	33.09	0.921	20	
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Sample ID: N044960-003BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152050						
Client ID: ZZZZZZ	Batch ID: R152050	TestNo: EPA 300.0		Analysis Date: 4/14/2021	SeqNo: 4173512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	17.234	0.50						17.24	0.0174	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: MB-R152072_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: PBW	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174261			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 0.027 0.050

Sample ID: LCS-R152072_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072						
Client ID: LCSW	Batch ID: R152072	TestNo: EPA 300.0	Analysis Date: 4/15/2021	SeqNo: 4174262							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.290 0.050 1.250 0 103 90 110

Sample ID: N044981-007BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174277			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 40.766 1.0 25.00 15.14 102 80 120

Sample ID: N044981-007BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174278			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 40.912 1.0 25.00 15.14 103 80 120 40.77 0.358 20

Sample ID: N044983-002BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174279			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 80.855 2.5 62.50 18.31 100 80 120

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N044981-002BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072						
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0	Analysis Date: 4/15/2021	SeqNo: 4174282							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	58.060	2.5						61.38	5.56	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-001

Client Sample ID: SA-MW-27D-Q221
Collection Date: 4/13/2021 12:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 03:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-002

Client Sample ID: SA-MW-39D-Q221
Collection Date: 4/13/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 03:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-003

Client Sample ID: SA-MW-39S-Q221
Collection Date: 4/13/2021 9:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 04:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-004

Client Sample ID: SA-MW-40D-Q221
Collection Date: 4/13/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210416A	QC Batch: R152127		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.078	1.0		mg/L	1	4/16/2021 04:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-005

Client Sample ID: SA-MW-40S-Q221
Collection Date: 4/13/2021 8:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 04:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-006

Client Sample ID: SA-MW-42M-Q221
Collection Date: 4/13/2021 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 04:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-007

Client Sample ID: SA-MW-42S-Q221
Collection Date: 4/13/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 05:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-009

Client Sample ID: X-13-Q221
Collection Date: 4/13/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 05:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-010

Client Sample ID: MW-944-Q221
Collection Date: 4/13/2021 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210416A	QC Batch: R152127			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.078	1.0	mg/L	1	4/16/2021 06:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152127	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152127
Client ID: PBW	Batch ID: R152127	TestNo: SM 5310C		Analysis Date: 4/16/2021	SeqNo: 4176400
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID: LCS-R152127	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152127
Client ID: LCSW	Batch ID: R152127	TestNo: SM 5310C		Analysis Date: 4/16/2021	SeqNo: 4176401
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.762	1.0	5.000	0	95.2 85 115

Sample ID: N044958-004EMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152127
Client ID: ZZZZZZ	Batch ID: R152127	TestNo: SM 5310C		Analysis Date: 4/16/2021	SeqNo: 4176406
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	48.671	10	50.00	1.532	94.3 75 125

Sample ID: N044958-004EMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152127
Client ID: ZZZZZZ	Batch ID: R152127	TestNo: SM 5310C		Analysis Date: 4/16/2021	SeqNo: 4176407
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	49.462	10	50.00	1.532	95.9 75 125 48.67 1.61 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-001

Client Sample ID: SA-MW-27D-Q221
Collection Date: 4/13/2021 12:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	47	18	20		ug/L	1	4/20/2021 02:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-002

Client Sample ID: SA-MW-39D-Q221
Collection Date: 4/13/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 12:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-003

Client Sample ID: SA-MW-39S-Q221
Collection Date: 4/13/2021 9:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	92	18	20		ug/L	1	4/20/2021 12:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-004

Client Sample ID: SA-MW-40D-Q221
Collection Date: 4/13/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	220	18	20		ug/L	1	4/20/2021 12:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-005

Client Sample ID: SA-MW-40S-Q221
Collection Date: 4/13/2021 8:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 12:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-006

Client Sample ID: SA-MW-42M-Q221
Collection Date: 4/13/2021 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	61	18	20		ug/L	1	4/20/2021 12:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-007

Client Sample ID: SA-MW-42S-Q221
Collection Date: 4/13/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 12:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-008

Client Sample ID: X-12-Q221
Collection Date: 4/13/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 01:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-009

Client Sample ID: X-13-Q221
Collection Date: 4/13/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	24	18	20		ug/L	1	4/20/2021 01:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-010

Client Sample ID: MW-944-Q221
Collection Date: 4/13/2021 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87072			PrepDate:	4/15/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 01:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87072	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: PBW	Batch ID: 87072	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179611
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS-87072	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: LCSW	Batch ID: 87072	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179612
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	86.897	20	100.0	0	86.9 85 115

Sample ID: N044960-001D-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87072	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179620
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	157.708	20	100.0	46.94	111 75 125

Sample ID: N044960-001D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/15/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87072	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179621
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	173.566	20	100.0	46.94	127 75 125 157.7 9.57 20 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N044960-001D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87072	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179619						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	169.341	20	100.0	46.94	122	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-001

Client Sample ID: SA-MW-27D-Q221
Collection Date: 4/13/2021 12:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	4.0	0.081	0.10		µg/L	1	4/16/2021 02:06 PM
Manganese	1.7	0.26	0.50		µg/L	1	4/16/2021 12:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-002

Client Sample ID: SA-MW-39D-Q221
Collection Date: 4/13/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	1.7	0.081	0.10		µg/L	1	4/16/2021 12:55 PM
Manganese	88	0.26	0.50		µg/L	1	4/16/2021 12:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-003

Client Sample ID: SA-MW-39S-Q221
Collection Date: 4/13/2021 9:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	1.3	0.081	0.10		µg/L	1	4/16/2021 01:01 PM
Manganese	2800	6.4	12		µg/L	25	4/16/2021 02:12 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-004

Client Sample ID: SA-MW-40D-Q221
Collection Date: 4/13/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	0.75	0.081	0.10		µg/L	1	4/16/2021 02:18 PM
Manganese	3.6	0.26	0.50		µg/L	1	4/16/2021 01:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-005

Client Sample ID: SA-MW-40S-Q221
Collection Date: 4/13/2021 8:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	1.1	0.081	0.10		µg/L	1	4/16/2021 01:13 PM
Manganese	ND	0.26	0.50		µg/L	1	4/16/2021 01:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-006

Client Sample ID: SA-MW-42M-Q221
Collection Date: 4/13/2021 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	1.1	0.081	0.10		µg/L	1	4/16/2021 01:19 PM
Manganese	2.4	0.26	0.50		µg/L	1	4/16/2021 01:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-007

Client Sample ID: SA-MW-42S-Q221
Collection Date: 4/13/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate: 4/14/2021	Analyst: CEI
Arsenic	0.71	0.081	0.10	µg/L	4/16/2021 01:25 PM
Manganese	ND	0.26	0.50	µg/L	4/16/2021 01:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-008

Client Sample ID: X-12-Q221
Collection Date: 4/13/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Manganese	160	0.26	0.50		µg/L	1	4/16/2021 01:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-009

Client Sample ID: X-13-Q221
Collection Date: 4/13/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate:	4/14/2021	Analyst: CEI	
Arsenic	0.31	0.081	0.10		µg/L	1	4/16/2021 01:37 PM
Manganese	450	1.3	2.5		µg/L	5	4/16/2021 02:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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"Serving Clients with Passion and Professionalism"

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044960
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N044960-010

Client Sample ID: MW-944-Q221
Collection Date: 4/13/2021 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210416A	QC Batch: 87070			PrepDate: 4/14/2021	Analyst: CEI
Arsenic	0.43	0.081	0.10	µg/L	1 4/16/2021 03:35 PM
Manganese	450	1.3	2.5	µg/L	5 4/16/2021 03:05 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044960
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87070	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: PBW	Batch ID: 87070	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4180108
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID: LCS-87070	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: LCSW	Batch ID: 87070	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4180109
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.759	0.10	10.00	0	108	85	115
Manganese	103.058	0.50	100.0	0	103	85	115

Sample ID: N044959-012BMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: ZZZZZZ	Batch ID: 87070	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4180113
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	12.157	0.10	10.00	1.765	104	75	125
Manganese	101.132	0.50	100.0	5.996	95.1	75	125

Sample ID: N044959-012BMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/14/2021	RunNo: 152186
Client ID: ZZZZZZ	Batch ID: 87070	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/16/2021	SeqNo: 4180114
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.883	0.10	10.00	1.765	101	75	125	12.16	2.28	20
Manganese	100.438	0.50	100.0	5.996	94.4	75	125	101.1	0.689	20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CHAIN OF CUSTODY RECORD

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 P: 702.307.2659 F: 702.307.2691
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 www.assetlaboratories.com

Page

1 of 1

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled	
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		GeoTracker		RWQCB		2. Headspace	
Fax:		Email: daniel.moore@critigen.com		Email to: lisa.kellogg@arcadis.com		Labspec		CalTrans		3. Container Intact	
Submitted By: Riggie Top		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		P.O.#		Others		LEVEL III		4. Seal Present	
Title: Field Tech		Phone: 1 916 865 3168		Phone: 951.677.0577		Specify: EQ EDD		LEVEL IV		5. IR number	
Signature: Riggie Top		Date: 4/13/21		Signature: Brian Martinez		Global ID:		Regulatory		6. Method of Cooling:	
I hereby authorize ASSET Labs to perform the tests indicated below.		Signature: Brian Martinez		Date: 4/13/21		Specify State:		Sample Temp: 2.50/1.90		ICE	
Project Name: PG&E Hinkley - COMP B		Signature: Brian Martinez		Date: 4/13/21		Global ID:		Sample Temp: 2.50/1.90		Tracking No.:	
Project Number: 30046045		Signature: Brian Martinez		Date: 4/13/21		Global ID:		Sample Temp: 2.50/1.90		Tracking No.:	

Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C, 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	Anions (E300.0) SO4; 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha (E900); HNO3; 2x1000ml Poly	Gross Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (E6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E6010BDH) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	Eosine, Fluorescein, 4°C (blue ice); 50ml Centrifuge tube	Turn Around Time	No. of Container	Remarks
	N044960-01	SA-MW-27D-Q221	4/13/2021	1233		X	X						X	X	X	X	X			m	6	
	-02	SA-MW-39D-Q221	4/13/2021	1016		X	X						X	X	X	X	X			m	6	
	-03	SA-MW-39S-Q221	4/13/2021	0935		X	X						X	X	X	X	X			m	6	
	-04	SA-MW-40D-Q221	4/13/2021	0857		X	X						X	X	X	X	X			m	6	
	-05	SA-MW-40S-Q221	4/13/2021	0821		X	X						X	X	X	X	X			m	6	
	-06	SA-MW-42M-Q221	4/13/2021	1100		X	X						X	X	X	X	X			m	6	
	-07	SA-MW-42S-Q221	4/13/2021	1142		X	X						X	X	X	X	X			m	6	
	-08	X-12-Q221	4/13/2021	1210		X	X			X	X	X			X	X	X	X		m	6	
	-09	X-13-Q221	4/13/2021	1230		X	X			X			X	X	X	X	X			m	7	
	-10	MW-944-Q221	4/13/2021	1240		X	X			X			X	X	X	X	X			m	7	
	-11	X-16-Q221	4/13/2021	1329				X					X	X	X	X	X			m	1	
	-12	EB-733-Q221	4/13/2021	1400		X														m	1	
	-13	EB-730-Q221	4/13/2021	1410		X														m	1	

Relinquished by (Signature and Printed Name): Riggie Top	Date/Time: 4/13/21 1520	Relinquished by (Signature and Printed Name): Romeo Acunaza	Date/Time: 4/13/21 1520
Relinquished by (Signature and Printed Name): Romeo Acunaza	Date/Time: 4/13/21 1841	Relinquished by (Signature and Printed Name): Romeo Acunaza	Date/Time: 4/13/21 1841
Relinquished by (Signature and Printed Name):	Date/Time:	Relinquished by (Signature and Printed Name):	Date/Time:

Turn Around Time (TAT)

Special Instruction:

TAT Starts at 8 AM the following day if samples received after 3:00PM.

Preservatives:

Container Type:

Others/Specify:

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/13/2021

Workorder: N044960

Rep sample Temp (Deg C): 2.8/2.5/1.9

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRT 4/19/2021

Reviewed By: ABC 4/20/2021

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044960

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044960-001A	SA-MW-27D-Q221	4/13/2021 12:33:00 PM	4/27/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-001B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-001C			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-001D			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
4/27/2021			EPA 6020		DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N044960-002A	SA-MW-39D-Q221	4/13/2021 10:16:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-002B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-002C			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-002D			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
4/27/2021			EPA 6020		DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N044960-003A	SA-MW-39S-Q221	4/13/2021 9:35:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-003B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-003C			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-003D			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044960

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044960-003D	SA-MW-39S-Q221	4/13/2021 9:35:00 AM	4/27/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-004A	SA-MW-40D-Q221	4/13/2021 8:57:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-004B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-004C			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-004D			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-005A	SA-MW-40S-Q221	4/13/2021 8:21:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-005B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-005C			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-005D			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-006A	SA-MW-42M-Q221	4/13/2021 11:00:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-006B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-006C			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-006D			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044960

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044960-006D	SA-MW-42M-Q221	4/13/2021 11:00:00 AM	4/27/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-007A	SA-MW-42S-Q221	4/13/2021 11:42:00 AM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-007B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-007C			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-007D			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-008A	X-12-Q221	4/13/2021 12:10:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-008B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-008C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-008D			4/27/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044960-008E			4/27/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044960

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044960-008E	X-12-Q221	4/13/2021 12:10:00 PM	4/27/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-009A	X-13-Q221	4/13/2021 12:30:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-009B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-009C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-009D			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-009E			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-010A	MW-944-Q221	4/13/2021 12:40:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-010B			4/27/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-010C			4/27/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-010D			4/27/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N044960-010E			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/27/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

14-Apr-21

WorkOrder: N044960

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/13/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044960-011A	X-16-Q221	4/13/2021 1:29:00 PM	4/27/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-012A	EB-733-Q221	4/13/2021 2:00:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-013A	EB-730-Q221	4/13/2021 2:10:00 PM	4/27/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044960-014A	FOLDER	4/27/2021	4/27/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/27/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/27/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV

Subcontractor:

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Brian Martinez

14-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044960-008D / X-12-Q221	Groundwater	4/13/2021 12:10:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44960A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

	Date/Time	Fedex #: 773446763630	Date/Time
Relinquished by: <u>YRJ</u>	4/14/2021 1300	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 28, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044981

RE: PG&E Hinkley - ATU, 30046045

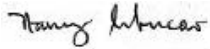
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 14, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044981

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.5 ug/L) for sample N044981-004 (MW-170S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank MB-R152072 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.5 ug/L) for sample N044981-004 (MW-170S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.0 and 1.9 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - ATU, 30046045**Lab Order:** N044981**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044981-001A	MW-56-Q221	Groundwater	4/14/2021 1:09:00 PM	4/14/2021	4/28/2021
N044981-001B	MW-56-Q221	Groundwater	4/14/2021 1:09:00 PM	4/14/2021	4/28/2021
N044981-001C	MW-56-Q221	Groundwater	4/14/2021 1:09:00 PM	4/14/2021	4/28/2021
N044981-001D	MW-56-Q221	Groundwater	4/14/2021 1:09:00 PM	4/14/2021	4/28/2021
N044981-001E	MW-56-Q221	Groundwater	4/14/2021 1:09:00 PM	4/14/2021	4/28/2021
N044981-002A	MW-83D-Q221	Groundwater	4/14/2021 9:20:00 AM	4/14/2021	4/28/2021
N044981-002B	MW-83D-Q221	Groundwater	4/14/2021 9:20:00 AM	4/14/2021	4/28/2021
N044981-002C	MW-83D-Q221	Groundwater	4/14/2021 9:20:00 AM	4/14/2021	4/28/2021
N044981-002D	MW-83D-Q221	Groundwater	4/14/2021 9:20:00 AM	4/14/2021	4/28/2021
N044981-002E	MW-83D-Q221	Groundwater	4/14/2021 9:20:00 AM	4/14/2021	4/28/2021
N044981-003A	MW-83S-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044981-003B	MW-83S-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044981-003C	MW-83S-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044981-003D	MW-83S-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044981-003E	MW-83S-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044981-004A	MW-170S-Q221	Groundwater	4/14/2021 10:56:00 AM	4/14/2021	4/28/2021
N044981-004B	MW-170S-Q221	Groundwater	4/14/2021 10:56:00 AM	4/14/2021	4/28/2021
N044981-004C	MW-170S-Q221	Groundwater	4/14/2021 10:56:00 AM	4/14/2021	4/28/2021
N044981-004D	MW-170S-Q221	Groundwater	4/14/2021 10:56:00 AM	4/14/2021	4/28/2021
N044981-004E	MW-170S-Q221	Groundwater	4/14/2021 10:56:00 AM	4/14/2021	4/28/2021
N044981-005A	MW-29-Q221	Groundwater	4/14/2021 2:48:00 PM	4/14/2021	4/28/2021
N044981-005B	MW-29-Q221	Groundwater	4/14/2021 2:48:00 PM	4/14/2021	4/28/2021
N044981-005C	MW-29-Q221	Groundwater	4/14/2021 2:48:00 PM	4/14/2021	4/28/2021
N044981-005D	MW-29-Q221	Groundwater	4/14/2021 2:48:00 PM	4/14/2021	4/28/2021
N044981-005E	MW-29-Q221	Groundwater	4/14/2021 2:48:00 PM	4/14/2021	4/28/2021
N044981-006A	MW-27A-Q221	Groundwater	4/14/2021 2:00:00 PM	4/14/2021	4/28/2021
N044981-006B	MW-27A-Q221	Groundwater	4/14/2021 2:00:00 PM	4/14/2021	4/28/2021
N044981-006C	MW-27A-Q221	Groundwater	4/14/2021 2:00:00 PM	4/14/2021	4/28/2021
N044981-006D	MW-27A-Q221	Groundwater	4/14/2021 2:00:00 PM	4/14/2021	4/28/2021

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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N044981
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044981-006E	MW-27A-Q221	Groundwater	4/14/2021 2:00:00 PM	4/14/2021	4/28/2021
N044981-007A	MW-27B-Q221	Groundwater	4/14/2021 1:02:00 PM	4/14/2021	4/28/2021
N044981-007B	MW-27B-Q221	Groundwater	4/14/2021 1:02:00 PM	4/14/2021	4/28/2021
N044981-007C	MW-27B-Q221	Groundwater	4/14/2021 1:02:00 PM	4/14/2021	4/28/2021
N044981-007D	MW-27B-Q221	Groundwater	4/14/2021 1:02:00 PM	4/14/2021	4/28/2021
N044981-007E	MW-27B-Q221	Groundwater	4/14/2021 1:02:00 PM	4/14/2021	4/28/2021
N044981-008A	EB-738-Q221	Groundwater	4/14/2021 3:00:00 PM	4/14/2021	4/28/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-001

Client Sample ID: MW-56-Q221
Collection Date: 4/14/2021 1:09:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	840	10	10	mg/L	1	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-002

Client Sample ID: MW-83D-Q221
Collection Date: 4/14/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3600	33	33	mg/L	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-003

Client Sample ID: MW-83S-Q221
Collection Date: 4/14/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3300	33	33	mg/L	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-004

Client Sample ID: MW-170S-Q221
Collection Date: 4/14/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	4000	50	50	mg/L	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-005

Client Sample ID: MW-29-Q221
Collection Date: 4/14/2021 2:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	580	10	10	mg/L	1	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-006

Client Sample ID: MW-27A-Q221
Collection Date: 4/14/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1100	13	13	mg/L	1	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-007

Client Sample ID: MW-27B-Q221
Collection Date: 4/14/2021 1:02:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210417D	QC Batch: 87131			PrepDate: 4/17/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	900	10	10	mg/L	1	4/17/2021 01:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87131	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/17/2021	RunNo: 152119
Client ID: LCSW	Batch ID: 87131	TestNo: SM2540C	Analysis Date: 4/17/2021	SeqNo: 4176088
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	957.000	10 1000 0	95.7 80 120	

Sample ID: MB-87131	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/17/2021	RunNo: 152119
Client ID: PBW	Batch ID: 87131	TestNo: SM2540C	Analysis Date: 4/17/2021	SeqNo: 4176089
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	ND	10		

Sample ID: N044981-004CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/17/2021	RunNo: 152119
Client ID: ZZZZZZ	Batch ID: 87131	TestNo: SM2540C	Analysis Date: 4/17/2021	SeqNo: 4176097
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	4015.000	50	4030 0.373	5

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-001

Client Sample ID: MW-56-Q221
Collection Date: 4/14/2021 1:09:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	27 0.024 0.67	pCi/L	1 4/18/2021 03:57 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-002

Client Sample ID: MW-83D-Q221
Collection Date: 4/14/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	87 0.024 0.67	pCi/L	1 4/18/2021 04:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-003

Client Sample ID: MW-83S-Q221
Collection Date: 4/14/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	77 0.024 0.67	pCi/L	1 4/18/2021 04:33 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-004

Client Sample ID: MW-170S-Q221
Collection Date: 4/14/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	60 0.024 0.67	pCi/L	1 4/18/2021 04:39 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-005

Client Sample ID: MW-29-Q221
Collection Date: 4/14/2021 2:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	14 0.024 0.67	pCi/L	1 4/18/2021 04:56 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-006

Client Sample ID: MW-27A-Q221
Collection Date: 4/14/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	28 0.024 0.67	pCi/L	1 4/18/2021 05:02 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-007

Client Sample ID: MW-27B-Q221
Collection Date: 4/14/2021 1:02:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	36 0.024 0.67	pCi/L	1 4/18/2021 05:08 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87106	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: PBW	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179268
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID: LCS-87106	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: LCSW	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179269
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.136	0.67	6.700	0	107 85 115

Sample ID: N044981-001E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179273
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	33.339	0.67	6.700	26.51	102 75 125

Sample ID: N044981-001E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179274
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	32.853	0.67	6.700	26.51	94.7 75 125 33.34 1.47 20

Sample ID: N044983-003E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179289
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	40.822	0.67	6.700	33.68	107 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-001

Client Sample ID: MW-56-Q221
Collection Date: 4/14/2021 1:09:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	18	0.17	1.0		µg/L	5	4/15/2021 09:24 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	17	0.035	1.0		µg/L	1	4/18/2021 03:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-002

Client Sample ID: MW-83D-Q221
Collection Date: 4/14/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/15/2021 09:33 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate:		4/15/2021	Analyst: CEI	
Chromium	2.9	0.035	1.0		µg/L	1	4/18/2021 04:01 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-003

Client Sample ID: MW-83S-Q221
Collection Date: 4/14/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	7.0	0.033	0.20		µg/L	1	4/15/2021 09:43 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	7.2	0.035	1.0		µg/L	1	4/18/2021 04:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-004

Client Sample ID: MW-170S-Q221
Collection Date: 4/14/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/15/2021 09:52 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	2.7	0.035	1.0		µg/L	1	4/18/2021 04:24 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-005

Client Sample ID: MW-29-Q221
Collection Date: 4/14/2021 2:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.88	0.033	0.20		µg/L	1	4/15/2021 01:52 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	1.2	0.035	1.0		µg/L	1	4/18/2021 04:31 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-006

Client Sample ID: MW-27A-Q221
Collection Date: 4/14/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	9.8	0.033	0.20		µg/L	1	4/15/2021 10:11 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	9.0	0.035	1.0		µg/L	1	4/18/2021 11:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-007

Client Sample ID: MW-27B-Q221
Collection Date: 4/14/2021 1:02:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	7.2	0.033	0.20		µg/L	1	4/15/2021 10:20 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	6.8	0.035	1.0		µg/L	1	4/19/2021 06:03 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-008

Client Sample ID: EB-738-Q221
Collection Date: 4/14/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210415A	QC Batch: R152115				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.0096	0.060		µg/L	1	4/15/2021 01:12 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 10:49 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPG**

Sample ID: MB-R152115	SampType: MBLK	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: PBW	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176062
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			

Sample ID: LCS-R152115	SampType: LCS	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: LCSW	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176063
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110 90 110

Sample ID: N044937-002AMS	SampType: MS	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176065
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110 90 110

Sample ID: N044937-002AMSD	SampType: MSD	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176066
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.217	0.060	0.2000	0	109 90 110 0.2195 0.961 20

Sample ID: N044917-019ADUP	SampType: DUP	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152115
Client ID: ZZZZZ	Batch ID: R152115	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4176068
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R152109	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: LCSW	Batch ID: R152109	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175848						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.017	0.20	5.000	0	100	90	110				
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Sample ID: MB-R152109	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: PBW	Batch ID: R152109	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175849						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: N044981-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: ZZZZZZ	Batch ID: R152109	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	44.314	1.0	25.00	18.23	104	90	110				
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Sample ID: N044981-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: ZZZZZZ	Batch ID: R152109	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175872						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	44.180	1.0	25.00	18.23	104	90	110	44.31	0.303	20	
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Sample ID: N044982-008AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: ZZZZZZ	Batch ID: R152109	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.457	0.20	1.000	1.462	99.5	90	110				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044981-007ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: ZZZZZZ	Batch ID: R152109	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175874							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	7.208	0.20						7.186	0.299	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87096	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: PBW	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180375
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87096	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: LCSW	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180376
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.016 1.0 10.00 0 100 85 115

Sample ID: N044982-021B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: ZZZZZZ	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180384
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 12.988 1.0 10.00 3.841 91.5 75 125

Sample ID: N044982-021B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: ZZZZZZ	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180385
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.200 1.0 10.00 3.841 93.6 75 125 12.99 1.62 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87104	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: PBW	Batch ID: 87104	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4177370
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87104	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: LCSW	Batch ID: 87104	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4177371
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.261 1.0 10.00 0 103 85 115

Sample ID: N044981-006E-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87104	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4177375
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 17.909 1.0 10.00 9.003 89.1 75 125

Sample ID: N044981-006E-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87104	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4177376
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 17.851 1.0 10.00 9.003 88.5 75 125 17.91 0.327 20

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-001

Client Sample ID: MW-56-Q221
Collection Date: 4/14/2021 1:09:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	12 0.087 0.50	mg/L	10 4/15/2021 09:25 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-002

Client Sample ID: MW-83D-Q221
Collection Date: 4/14/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	61 0.44	2.5	mg/L
		50	4/15/2021 09:40 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-003

Client Sample ID: MW-83S-Q221
Collection Date: 4/14/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072			PrepDate:		Analyst: RAB
Nitrate as N	46	0.44	2.5	mg/L	50	4/15/2021 09:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-004

Client Sample ID: MW-170S-Q221
Collection Date: 4/14/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072			PrepDate:		Analyst: RAB
Nitrate as N	130	0.87	5.0	mg/L	100	4/15/2021 10:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-005

Client Sample ID: MW-29-Q221
Collection Date: 4/14/2021 2:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	5.1 0.044 0.25	mg/L	5 4/15/2021 10:26 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-006

Client Sample ID: MW-27A-Q221
Collection Date: 4/14/2021 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	18 0.17 1.0	mg/L	20 4/15/2021 10:41 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044981
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N044981-007

Client Sample ID: MW-27B-Q221
Collection Date: 4/14/2021 1:02:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	15 0.17	1.0	mg/L
		20	4/15/2021 10:57 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID: MB-R152072_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: PBW	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174261			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	0.027	0.050									

Sample ID: LCS-R152072_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: LCSW	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174262			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	1.290	0.050	1.250	0	103	90	110				

Sample ID: N044981-007BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174277			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	40.766	1.0	25.00	15.14	102	80	120				

Sample ID: N044981-007BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174278			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	40.912	1.0	25.00	15.14	103	80	120	40.77	0.358	20	

Sample ID: N044983-002BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174279			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	80.855	2.5	62.50	18.31	100	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044981
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N044981-002BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072						
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0	Analysis Date: 4/15/2021	SeqNo: 4174282							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	58.060	2.5						61.38	5.56	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		Sample Receipt Condition					
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520							
Phone: 1 916 865 3158		Email: tonya.russi@arcadis.com daniel.moore@critegen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		P.O.#		Fax:	
Submitted By: Brian Martinez		Title: Field Tech		Signature: [Signature]		Date: 4/14/21		I hereby authorize ASSET Labs to perform the tests indicated below.		Project Name: PG&E Hinkley - ATU	
Project Number: 30046045		Sampled By: Andrew Phan		Ground-water: x Sediment		Potable: Soil		NPDES: Other Solid		Surface:	
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others	
N044981-01		MW-56-Q221		4/14/2021		1309					
-02		MW-83D-Q221		4/14/2021		0920					
-03		MW-83S-Q221		4/14/2021		0957					
-04		MW-170S-Q221		4/14/2021		1056					
-05		MW-29-Q221		4/14/2021		1448					
-06		MW-27A-Q221		4/14/2021		1400					
-07		MW-27B-Q221		4/14/2021		1302					
-08		EB-738-Q221		4/14/2021		1500					
Relinquished by (Signature and Printed Name): [Signature] Brian Martinez		Date/Time: 4/14/21 1535		Relinquished by (Signature and Printed Name): [Signature] J. S. D. H. W. L. C.		Date/Time: 4/14/21 1535		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name): [Signature] Steve		Date/Time: 4/14/21 2100		Relinquished by (Signature and Printed Name): [Signature] J. S. D. H. W. L. C.		Date/Time: 4/14/21 2100		TAT Starts at 8 AM the following day if samples received after 3:00PM.			
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 hrs = 100% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20% 3. Custom EDO formats will be an additional 25% of the total project price.		5. Trip Bottle and Equipment Bottle are bilable sample 6. Asset Laboratories is not responsible for samples collected using incorrect methodology 7. Items are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analyses, TAT and Surcharges will vary.		Preservatives: H-HCL N-HNO3 S-H2SO4 C=4°C Z-Zn(AC)2 O=NaOH T=Na2S2O4 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pint J=Jar B=Tedar G=Glass M=Metal C=Can					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/14/2021

Workorder: N044981

Rep sample Temp (Deg C): 2.4/3.1

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YR

4/20/2021

Reviewed By:

ABC

4/21/2021

ASSET Laboratories

WORK ORDER Summary

21-Apr-21

WorkOrder: N044981

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044981-001A	MW-56-Q221	4/14/2021 1:09:00 PM	4/28/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-001B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-001C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-001D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044981-001E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-002A	MW-83D-Q221	4/14/2021 9:20:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-002B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-002C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-002D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044981-002E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-003A	MW-83S-Q221	4/14/2021 9:57:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-003B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-003C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

21-Apr-21

WorkOrder: N044981

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044981-003D	MW-83S-Q221	4/14/2021 9:57:00 AM	4/28/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044981-003E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-004A	MW-170S-Q221	4/14/2021 10:56:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-004B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-004C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-004D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044981-004E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-005A	MW-29-Q221	4/14/2021 2:48:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-005B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-005C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-005D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044981-005E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

21-Apr-21

WorkOrder: N044981

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044981-005E	MW-29-Q221	4/14/2021 2:48:00 PM	4/28/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-006A	MW-27A-Q221	4/14/2021 2:00:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-006B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-006C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-006D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044981-006E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-007A	MW-27B-Q221	4/14/2021 1:02:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-007B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-007C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-007D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044981-007E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-008A	EB-738-Q221	4/14/2021 3:00:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC (Low Level)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044981-009A	FOLDER	4/28/2021	4/28/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

WORK ORDER Summary

21-Apr-21

WorkOrder: N044981

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044981-009A	FOLDER	4/28/2021	4/28/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/28/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Andrew Phan

20-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044981-001D / MW-56-Q221	Groundwater	4/14/2021 1:09:00 PM	32OZP	1		
N044981-002D / MW-83D-Q221	Groundwater	4/14/2021 9:20:00 AM	32OZP	1		
N044981-003D / MW-83S-Q221	Groundwater	4/14/2021 9:57:00 AM	32OZP	1		
N044981-004D / MW-170S-Q221	Groundwater	4/14/2021 10:56:00 AM	32OZP	1		
N044981-005D / MW-29-Q221	Groundwater	4/14/2021 2:48:00 PM	32OZP	1		
N044981-006D / MW-27A-Q221 Q221	Groundwater	4/14/2021 2:00:00 PM	32OZP	1		
N044981-007D / MW-27B-Q221	Groundwater	4/14/2021 1:02:00 PM	32OZP	1		

Corrected sample ID: N044981-006D / MW-27A-Q221

YLT

4/20/2021

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44981A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773494924067

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	<u>4/20/2021 1230</u>	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 28, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044982

RE: PG&E Hinkley - GMP, 30046045

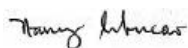
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 14, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044982

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.2 ug/L) and hexavalent chromium (0 ug/L) for sample N044982-003 (MW-114S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.0 ug/L) and hexavalent chromium (0 ug/L) for sample N044982-011 (MW-152D1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank MB-R152072 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.2 ug/L) and hexavalent chromium (0 ug/L) for



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044982

CASE NARRATIVE

sample N044982-003 (MW-114S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.3 and 1.2 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.0 ug/L) and hexavalent chromium (0 ug/L) for sample N044982-011 (MW-152D1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.2 and 0.11 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - GMP, 30046045

Lab Order: N044982

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044982-001A	MW-114D1-Q221	Groundwater	4/14/2021 9:18:00 AM	4/14/2021	4/28/2021
N044982-001B	MW-114D1-Q221	Groundwater	4/14/2021 9:18:00 AM	4/14/2021	4/28/2021
N044982-002A	MW-114D2-Q221	Groundwater	4/14/2021 8:30:00 AM	4/14/2021	4/28/2021
N044982-002B	MW-114D2-Q221	Groundwater	4/14/2021 8:30:00 AM	4/14/2021	4/28/2021
N044982-003A	MW-114S-Q221	Groundwater	4/14/2021 9:52:00 AM	4/14/2021	4/28/2021
N044982-003B	MW-114S-Q221	Groundwater	4/14/2021 9:52:00 AM	4/14/2021	4/28/2021
N044982-004A	MW-115D-Q221	Groundwater	4/14/2021 10:36:00 AM	4/14/2021	4/28/2021
N044982-004B	MW-115D-Q221	Groundwater	4/14/2021 10:36:00 AM	4/14/2021	4/28/2021
N044982-005A	MW-115S-Q221	Groundwater	4/14/2021 11:10:00 AM	4/14/2021	4/28/2021
N044982-005B	MW-115S-Q221	Groundwater	4/14/2021 11:10:00 AM	4/14/2021	4/28/2021
N044982-006A	MW-192D-Q221	Groundwater	4/14/2021 12:24:00 PM	4/14/2021	4/28/2021
N044982-006B	MW-192D-Q221	Groundwater	4/14/2021 12:24:00 PM	4/14/2021	4/28/2021
N044982-007A	MW-952-Q221	Groundwater	4/14/2021 12:34:00 PM	4/14/2021	4/28/2021
N044982-007B	MW-952-Q221	Groundwater	4/14/2021 12:34:00 PM	4/14/2021	4/28/2021
N044982-008A	MW-69D-Q221	Groundwater	4/14/2021 1:26:00 PM	4/14/2021	4/28/2021
N044982-008B	MW-69D-Q221	Groundwater	4/14/2021 1:26:00 PM	4/14/2021	4/28/2021
N044982-009A	MW-69S-Q221	Groundwater	4/14/2021 2:06:00 PM	4/14/2021	4/28/2021
N044982-009B	MW-69S-Q221	Groundwater	4/14/2021 2:06:00 PM	4/14/2021	4/28/2021
N044982-009C	MW-69S-Q221	Groundwater	4/14/2021 2:06:00 PM	4/14/2021	4/28/2021
N044982-009D	MW-69S-Q221	Groundwater	4/14/2021 2:06:00 PM	4/14/2021	4/28/2021
N044982-009E	MW-69S-Q221	Groundwater	4/14/2021 2:06:00 PM	4/14/2021	4/28/2021
N044982-010A	MW-925-Q221	Groundwater	4/14/2021 2:16:00 PM	4/14/2021	4/28/2021
N044982-010B	MW-925-Q221	Groundwater	4/14/2021 2:16:00 PM	4/14/2021	4/28/2021
N044982-010C	MW-925-Q221	Groundwater	4/14/2021 2:16:00 PM	4/14/2021	4/28/2021
N044982-010D	MW-925-Q221	Groundwater	4/14/2021 2:16:00 PM	4/14/2021	4/28/2021
N044982-010E	MW-925-Q221	Groundwater	4/14/2021 2:16:00 PM	4/14/2021	4/28/2021
N044982-011A	MW-152D1-Q221	Groundwater	4/14/2021 10:10:00 AM	4/14/2021	4/28/2021
N044982-011B	MW-152D1-Q221	Groundwater	4/14/2021 10:10:00 AM	4/14/2021	4/28/2021
N044982-012A	MW-152D2-Q221	Groundwater	4/14/2021 10:45:00 AM	4/14/2021	4/28/2021

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044982
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044982-012B	MW-152D2-Q221	Groundwater	4/14/2021 10:45:00 AM	4/14/2021	4/28/2021
N044982-013A	MW-152S-Q221	Groundwater	4/14/2021 9:09:00 AM	4/14/2021	4/28/2021
N044982-013B	MW-152S-Q221	Groundwater	4/14/2021 9:09:00 AM	4/14/2021	4/28/2021
N044982-014A	MW-145D1-Q221	Groundwater	4/14/2021 11:43:00 AM	4/14/2021	4/28/2021
N044982-014B	MW-145D1-Q221	Groundwater	4/14/2021 11:43:00 AM	4/14/2021	4/28/2021
N044982-015A	MW-951-Q221	Groundwater	4/14/2021 11:53:00 AM	4/14/2021	4/28/2021
N044982-015B	MW-951-Q221	Groundwater	4/14/2021 11:53:00 AM	4/14/2021	4/28/2021
N044982-016A	MW-145D2-Q221	Groundwater	4/14/2021 12:24:00 PM	4/14/2021	4/28/2021
N044982-016B	MW-145D2-Q221	Groundwater	4/14/2021 12:24:00 PM	4/14/2021	4/28/2021
N044982-017A	MW-146D1-Q221	Groundwater	4/14/2021 1:45:00 PM	4/14/2021	4/28/2021
N044982-017B	MW-146D1-Q221	Groundwater	4/14/2021 1:45:00 PM	4/14/2021	4/28/2021
N044982-018A	MW-146D2-Q221	Groundwater	4/14/2021 2:21:00 PM	4/14/2021	4/28/2021
N044982-018B	MW-146D2-Q221	Groundwater	4/14/2021 2:21:00 PM	4/14/2021	4/28/2021
N044982-019A	MW-175S1-Q221	Groundwater	4/14/2021 10:35:00 AM	4/14/2021	4/28/2021
N044982-019B	MW-175S1-Q221	Groundwater	4/14/2021 10:35:00 AM	4/14/2021	4/28/2021
N044982-020A	MW-200S3-Q221	Groundwater	4/14/2021 9:47:00 AM	4/14/2021	4/28/2021
N044982-020B	MW-200S3-Q221	Groundwater	4/14/2021 9:47:00 AM	4/14/2021	4/28/2021
N044982-021A	MW-219S1-Q221	Groundwater	4/14/2021 11:43:00 AM	4/14/2021	4/28/2021
N044982-021B	MW-219S1-Q221	Groundwater	4/14/2021 11:43:00 AM	4/14/2021	4/28/2021
N044982-022A	MW-23B-Q221	Groundwater	4/14/2021 2:22:00 PM	4/14/2021	4/28/2021
N044982-022B	MW-23B-Q221	Groundwater	4/14/2021 2:22:00 PM	4/14/2021	4/28/2021
N044982-023A	MW-23C-Q221	Groundwater	4/14/2021 8:37:00 AM	4/14/2021	4/28/2021
N044982-023B	MW-23C-Q221	Groundwater	4/14/2021 8:37:00 AM	4/14/2021	4/28/2021
N044982-024A	MW-97D-Q221	Groundwater	4/14/2021 12:43:00 PM	4/14/2021	4/28/2021
N044982-024B	MW-97D-Q221	Groundwater	4/14/2021 12:43:00 PM	4/14/2021	4/28/2021
N044982-025A	MW-97S-Q221	Groundwater	4/14/2021 1:30:00 PM	4/14/2021	4/28/2021
N044982-025B	MW-97S-Q221	Groundwater	4/14/2021 1:30:00 PM	4/14/2021	4/28/2021
N044982-026A	MW-94S-Q221	Groundwater	4/14/2021 9:07:00 AM	4/14/2021	4/28/2021
N044982-026B	MW-94S-Q221	Groundwater	4/14/2021 9:07:00 AM	4/14/2021	4/28/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-009

Client Sample ID: MW-69S-Q221
Collection Date: 4/14/2021 2:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	4700	50	50	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-010

Client Sample ID: MW-925-Q221
Collection Date: 4/14/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	4800	50	50	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87133	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/18/2021			RunNo: 152138		
Client ID: LCSW	Batch ID: 87133	TestNo: SM2540C				Analysis Date: 4/18/2021			SeqNo: 4177346		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	966.000	10	1000	0	96.6	80	120				

Sample ID: MB-87133	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/18/2021			RunNo: 152138		
Client ID: PBW	Batch ID: 87133	TestNo: SM2540C				Analysis Date: 4/18/2021			SeqNo: 4177347		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID: N044982-010CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/18/2021			RunNo: 152138		
Client ID: ZZZZZZ	Batch ID: 87133	TestNo: SM2540C				Analysis Date: 4/18/2021			SeqNo: 4177350		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	4785.000	50						4810	0.521	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-009

Client Sample ID: MW-69S-Q221
Collection Date: 4/14/2021 2:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	84 0.024 0.67	pCi/L	1 4/18/2021 05:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-010

Client Sample ID: MW-925-Q221
Collection Date: 4/14/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	83 0.024 0.67	pCi/L	1 4/18/2021 05:20 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87106	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: PBW	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179268
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID: LCS-87106	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: LCSW	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179269
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.136	0.67	6.700	0	107 85 115

Sample ID: N044981-001E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179273
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	33.339	0.67	6.700	26.51	102 75 125

Sample ID: N044981-001E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179274
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	32.853	0.67	6.700	26.51	94.7 75 125 33.34 1.47 20

Sample ID: N044983-003E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179289
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	40.822	0.67	6.700	33.68	107 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-001

Client Sample ID: MW-114D1-Q221
Collection Date: 4/14/2021 9:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 10:58 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87095			PrepDate:	4/15/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/17/2021 10:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-002

Client Sample ID: MW-114D2-Q221
Collection Date: 4/14/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210415A	QC Batch: R152109			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20	µg/L	1	4/15/2021 11:08 AM	
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095			PrepDate:	4/15/2021	Analyst: CEI	
Chromium	ND	0.035	1.0	µg/L	1	4/17/2021 10:59 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-003

Client Sample ID: MW-114S-Q221
Collection Date: 4/14/2021 9:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 11:17 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate:		4/15/2021	Analyst: CEI	
Chromium	1.2	0.035	1.0		µg/L	1	4/17/2021 11:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-004

Client Sample ID: MW-115D-Q221
Collection Date: 4/14/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.7	0.033	0.20		µg/L	1	4/15/2021 11:27 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	3.7	0.035	1.0		µg/L	1	4/17/2021 11:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-005

Client Sample ID: MW-115S-Q221
Collection Date: 4/14/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/15/2021 11:36 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87095			PrepDate:	4/15/2021	Analyst: CEI	
Chromium	1.7	0.035	1.0		µg/L	1	4/17/2021 11:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-006

Client Sample ID: MW-192D-Q221
Collection Date: 4/14/2021 12:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/15/2021 11:46 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate:		4/15/2021	Analyst: CEI	
Chromium	2.7	0.035	1.0		µg/L	1	4/17/2021 11:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-007

Client Sample ID: MW-952-Q221
Collection Date: 4/14/2021 12:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/15/2021 11:55 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	2.5	0.035	1.0		µg/L	1	4/17/2021 11:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-008

Client Sample ID: MW-69D-Q221
Collection Date: 4/14/2021 1:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/15/2021 12:05 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87095			PrepDate:	4/15/2021	Analyst: CEI	
Chromium	1.9	0.035	1.0		µg/L	1	4/17/2021 11:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-009

Client Sample ID: MW-69S-Q221
Collection Date: 4/14/2021 2:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.76	0.033	0.20		µg/L	1	4/15/2021 12:14 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate:		4/15/2021	Analyst: CEI	
Chromium	1.4	0.035	1.0		µg/L	1	4/17/2021 11:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-010

Client Sample ID: MW-925-Q221
Collection Date: 4/14/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.72	0.033	0.20		µg/L	1	4/15/2021 12:42 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87095			PrepDate:	4/15/2021	Analyst: CEI	
Chromium	1.4	0.035	1.0		µg/L	1	4/17/2021 11:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-011

Client Sample ID: MW-152D1-Q221
Collection Date: 4/14/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109	PrepDate: Analyst: RAB					
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 01:33 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87095	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	1.0	0.035	1.0		µg/L	1	4/18/2021 12:04 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-012

Client Sample ID: MW-152D2-Q221
Collection Date: 4/14/2021 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415A	QC Batch: R152109		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.97	0.033	0.20		µg/L	1	4/15/2021 01:42 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	1.2	0.035	1.0		µg/L	1	4/18/2021 12:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-013

Client Sample ID: MW-152S-Q221
Collection Date: 4/14/2021 9:09:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.033	0.20		µg/L	1	4/15/2021 02:39 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate:		4/15/2021	Analyst: CEI	
Chromium	2.2	0.035	1.0		µg/L	1	4/18/2021 12:16 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-014

Client Sample ID: MW-145D1-Q221
Collection Date: 4/14/2021 11:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/15/2021 02:48 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	2.9	0.035	1.0		µg/L	1	4/18/2021 12:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-015

Client Sample ID: MW-951-Q221
Collection Date: 4/14/2021 11:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/15/2021 02:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	2.9	0.035	1.0		µg/L	1	4/18/2021 12:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-016

Client Sample ID: MW-145D2-Q221
Collection Date: 4/14/2021 12:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110	PrepDate: Analyst: RAB					
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 03:10 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87095	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	ND	0.035	1.0		µg/L	1	4/18/2021 12:45 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-017

Client Sample ID: MW-146D1-Q221
Collection Date: 4/14/2021 1:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.7	0.033	0.20		µg/L	1	4/15/2021 03:20 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	1.9	0.035	1.0		µg/L	1	4/18/2021 12:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-018

Client Sample ID: MW-146D2-Q221
Collection Date: 4/14/2021 2:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.033	0.20		µg/L	1	4/15/2021 03:29 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	2.6	0.035	1.0		µg/L	1	4/18/2021 12:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-019

Client Sample ID: MW-175S1-Q221
Collection Date: 4/14/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.4	0.033	0.20		µg/L	1	4/15/2021 03:39 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	3.4	0.035	1.0		µg/L	1	4/18/2021 01:03 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-020

Client Sample ID: MW-200S3-Q221
Collection Date: 4/14/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.71	0.033	0.20		µg/L	1	4/15/2021 03:48 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87095		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/18/2021 01:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-021

Client Sample ID: MW-219S1-Q221
Collection Date: 4/14/2021 11:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.8	0.033	0.20		µg/L	1	4/15/2021 03:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	3.8	0.035	1.0		µg/L	1	4/18/2021 01:27 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-022

Client Sample ID: MW-23B-Q221
Collection Date: 4/14/2021 2:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110	PrepDate: Analyst: RAB					
Hexavalent Chromium	3.5	0.033	0.20		µg/L	1	4/15/2021 04:07 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87096	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	3.4	0.035	1.0		µg/L	1	4/18/2021 02:20 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-023

Client Sample ID: MW-23C-Q221
Collection Date: 4/14/2021 8:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.36	0.033	0.20		µg/L	1	4/15/2021 05:20 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/18/2021 02:26 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-024

Client Sample ID: MW-97D-Q221
Collection Date: 4/14/2021 12:43:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/15/2021 05:30 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	2.3	0.035	1.0		µg/L	1	4/18/2021 02:32 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-025

Client Sample ID: MW-97S-Q221
Collection Date: 4/14/2021 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.8	0.033	0.20		µg/L	1	4/15/2021 05:39 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	8.4	0.035	1.0		µg/L	1	4/18/2021 02:38 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-026

Client Sample ID: MW-94S-Q221
Collection Date: 4/14/2021 9:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110	PrepDate: Analyst: RAB					
Hexavalent Chromium	6.1	0.033	0.20		µg/L	1	4/15/2021 05:49 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87096	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	6.3	0.035	1.0		µg/L	1	4/18/2021 02:43 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: LCS-R152109	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: LCSW	Batch ID: R152109	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175848							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.017	0.20	5.000	0	100	90	110				

Sample ID: MB-R152109	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: PBW	Batch ID: R152109	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175849							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N044981-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: ZZZZZZ	Batch ID: R152109	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175871							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	44.314	1.0	25.00	18.23	104	90	110				

Sample ID: N044981-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: ZZZZZZ	Batch ID: R152109	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175872							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	44.180	1.0	25.00	18.23	104	90	110	44.31	0.303	20	

Sample ID: N044982-008AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152109						
Client ID: ZZZZZZ	Batch ID: R152109	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175873							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	2.457	0.20	1.000	1.462	99.5	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044981-007ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152109			
Client ID: ZZZZZZ	Batch ID: R152109	TestNo: EPA 218.6		Analysis Date: 4/15/2021				SeqNo: 4175874			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	7.208	0.20						7.186	0.299	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R152110	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: LCSW	Batch ID: R152110	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175886						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.058	0.20	5.000	0	101	90	110				
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Sample ID: MB-R152110	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: PBW	Batch ID: R152110	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175887						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: N044982-022AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: ZZZZZZ	Batch ID: R152110	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175902						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	8.769	0.20	5.000	3.531	105	90	110				
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Sample ID: N044982-022AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: ZZZZZZ	Batch ID: R152110	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175903						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	8.860	0.20	5.000	3.531	107	90	110	8.769	1.03	20	
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Sample ID: N044982-019ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152110			
Client ID: ZZZZZZ	Batch ID: R152110	TestNo: EPA 218.6		Analysis Date: 4/15/2021				SeqNo: 4175904			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.373	0.20						3.352	0.621	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044982-019AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: ZZZZZZ	Batch ID: R152110	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175905							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	8.607	0.20	5.000	3.352	105	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87095	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: PBW	Batch ID: 87095	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/17/2021	SeqNo: 4180345
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87095	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: LCSW	Batch ID: 87095	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/17/2021	SeqNo: 4180346
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.283 1.0 10.00 0 103 85 115

Sample ID: N044982-001B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: ZZZZZZ	Batch ID: 87095	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/17/2021	SeqNo: 4180350
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.495 1.0 10.00 0.1487 93.5 75 125

Sample ID: N044982-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: ZZZZZZ	Batch ID: 87095	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/17/2021	SeqNo: 4180351
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.515 1.0 10.00 0.1487 93.7 75 125 9.495 0.212 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87096	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: PBW	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180375
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87096	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: LCSW	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180376
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.016 1.0 10.00 0 100 85 115

Sample ID: N044982-021B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: ZZZZZZ	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180384
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 12.988 1.0 10.00 3.841 91.5 75 125

Sample ID: N044982-021B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: ZZZZZZ	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180385
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.200 1.0 10.00 3.841 93.6 75 125 12.99 1.62 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-009

Client Sample ID: MW-69S-Q221
Collection Date: 4/14/2021 2:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	37 0.44	2.5	mg/L
		50	4/15/2021 11:42 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044982
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044982-010

Client Sample ID: MW-925-Q221
Collection Date: 4/14/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	37 0.44	2.5	mg/L 50 4/15/2021 11:58 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID: MB-R152072_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: PBW	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174261			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	0.027	0.050									

Sample ID: LCS-R152072_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: LCSW	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174262			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	1.290	0.050	1.250	0	103	90	110				

Sample ID: N044981-007BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174277			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	40.766	1.0	25.00	15.14	102	80	120				

Sample ID: N044981-007BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174278			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	40.912	1.0	25.00	15.14	103	80	120	40.77	0.358	20	

Sample ID: N044983-002BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152072			
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021				SeqNo: 4174279			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	80.855	2.5	62.50	18.31	100	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044982
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N044981-002BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072						
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0	Analysis Date: 4/15/2021	SeqNo: 4174282							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	58.060	2.5						61.38	5.56	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition															
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N															
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Geotracker		RWQCB		1. Chilled															
Fax:		daniel.moore@critigen.com		Email to: lisa.kellogg@arcadis.com		Labspec		CalTrans		2. Headspace															
Submitted By: Riggs Tap		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Phone: 951.677.0577		Others		LEVEL III		3. Container Intact															
Title: Field Tech		Phone: 1 916 865 3168		Fax:		Specify: EQ EDD		LEVEL IV		4. Seal Present															
Signature: [Signature]		Date: 4/14/21		P.O.#		Global ID:		Regulatory		5. IR number															
I hereby authorize ASSET Labs to perform the tests indicated below.		Sampled By: Brian Martinez		Matrix		Ground-water		Specify State:		6. Method of Cooling: ICE															
Project Name: PG&E Hinkley - GMP		Signature: [Signature]		Date: 4/14/21		Potable		Sample Temp: 2.4/3.2 (2.6/1.8)		Courier: ASSET															
Project Number: 30046045		Signature: [Signature]		Date: 4/14/21		NPDES		Tracking No.:																	
Project Number: 30046045		Signature: [Signature]		Date: 4/14/21		Surface																			
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2, SO4, NH4, OH, 4°C, 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (E2020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E2020AFF) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E2020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E2020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (E015B) 3x1 Liter Amber Glass, 4°C	TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks
	N044982-01	MW-114D1-Q221	4/14/2021	0918		X																	E 2		
	-02	MW-114D2-Q221	4/14/2021	0830		X																	E 2		
	-03	MW-114S-Q221	4/14/2021	0952		X																	E 2		
	-04	MW-115D-Q221	4/14/2021	1038		X																	E 2		
	-05	MW-115S-Q221	4/14/2021	1110		X																	E 2		
	-06	MW-192D-Q221	4/14/2021	1224		X																	E 2		
	-07	MW-952-Q221	4/14/2021	1234		X																	E 2		
	-08	MW-69D-Q221	4/14/2021	1326		X																	E 2		
	-09	MW-69S-Q221	4/14/2021	1406		X	X		X	X													E 6		
	-10	MW-92S-Q221	4/14/2021	1416		X	X		X	X													E 6		
	-11	MW-152D1-Q221	4/14/2021	1010		X																	E 2		
	-12	MW-152D2-Q221	4/14/2021	1045		X																	E 2		
	-13	MW-152S-Q221	4/14/2021	0909		X																	E 2		
Relinquished by (Signature and Printed Name): [Signature] Riggs Tap		Date/Time: 4/14/21 1535		Relinquished by (Signature and Printed Name): [Signature] JORDAN L B		Date/Time: 4/14/21 1535		Turn Around Time (TAT)		Special Instruction:															
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/14/21 1535		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/14/21 1535		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays																	
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/14/21 1535		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/14/21 1535		TAT Starts at 8 AM the following day if samples received after 3:00PM.																	
Terms		5. Trip Blanks and Equipment Blanks are billable sample.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 days.		Preservatives:		Container Type:															
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis		Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20%		3. Custom EDD formats will be an additional 3% of the total project price.		4. Add 10% surcharges for Level III Data Packages. 15% for Level IV Data Packages. Surcharges applied on total		H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH															
								T=Tube V=VOA P=Plint		J=Jar B=Tedlar G=Glass															
								M=Metal M=Metal C=Can																	



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P: 562.219.7435 F: 562.219.7436
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Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition																	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N																	
Phone: 1 916 865 3168		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address:		Geotracker		RWQCB		1. Chilled																	
Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		Labspec		CalTrans		2. Headspace																	
Submitted By: R. Ggie Tee		Phone: 1 916 865 3168		P.O.#		Others		LEVEL III		3. Container Intact																	
Title: Field Tech		Fax:		Phone: 951.677.0577		Specify:		LEVEL IV		4. Seal Present																	
Signature: <i>[Signature]</i> Date: 4/14/21		Sampled By: <i>[Signature]</i>		Fax:		EQ EDD		Regulatory		5. IR number																	
I hereby authorize ASSET Labs to perform the tests indicated below.		Signature: <i>[Signature]</i> Date: 4/14/21		Matrix		Global ID:		Specify State:		6. Method of Cooling:																	
Project Name: PG&E Hinkley - GMP		Signature: <i>[Signature]</i> Date: 4/14/21		Ground-water x Sediment						ICE																	
Project Number: 30046045		Signature: <i>[Signature]</i> Date: 4/14/21		Potable						Sample Temp: 8.4/32/2.6/1.8																	
				NPDES						Courier: ASSET																	
				Surface						Tracking No.:																	
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E500); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Metals Dissolved (E200A) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E200B) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E200C) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E200D) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (E015B) 3x1 Liter Amber Glass, 4°C	TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup, 3 x 1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks		
	N044982-14	MW-145D1-Q221	4/14/2021	1143		X																					
	-15	MW-951-Q221	4/14/2021	1153		X																					
	-16	MW-145D2-Q221	4/14/2021	1224		X																					
	-17	MW-146D1-Q221	4/14/2021	1345		X																					
	-18	MW-146D2-Q221	4/14/2021	1421		X																					
	-19	MW-175S1-Q221	4/14/2021	1035		X																					
	-20	MW-200S3-Q221	4/14/2021	0947		X																					
	-21	MW-219S1-Q221	4/14/2021	1143		X																					
	-22	MW-23B-Q221	4/14/2021	1422		X																					
	-23	MW-23C-Q221	4/14/2021	0837		X																					
	-24	MW-97D-Q221	4/14/2021	1243		X																					
	-25	MW-97S-Q221	4/14/2021	1330		X																					
	-26	MW-94S-Q221	4/14/2021	0907		X																					
Relinquished by (Signature and Printed Name): <i>[Signature]</i> R. Ggie Tee 4/14/21 1535		Date/Time: 4/14/21 1535		Relinquished by (Signature and Printed Name): <i>[Signature]</i> J. J. J. 4/14/21 1535		Date/Time: 4/14/21 1535		Turn Around Time (TAT)		Special Instruction:																	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> J. J. J. 4/14/21 2100		Date/Time: 4/14/21 2100		Relinquished by (Signature and Printed Name): <i>[Signature]</i> J. J. J. 4/14/21 2100		Date/Time: 4/14/21 2100		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays																			
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		TAT Starts at 8 AM the following day if samples received after 3:00PM.																			
Terms		6. Trip Blanks and Equipment Blanks are billable sample.		Preservatives:		Container Type:																					
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		7. Terms are not 30 days.		H=HCL		T=Tube																					
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis		8. Asset Laboratories is not responsible for samples collected using incorrect methodology.		N=HNO3		V=VOA																					
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20%		9. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		S=H2SO4		B=Tedlar																					
3. Custom EDD formats will be an additional 3% of the total project price.		10. For subcontract analysis, TAT and Surcharges will vary.		C=4°C		G=Glass																					
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on total				Z=Zn(AC)2		M=Metal																					
				O=NaOH		C=Can																					
				T=Na2S2O3																							
				Others/Specify: B (NH4)2SO4/NH4OH																							

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/14/2021

Workorder: N044982

Rep sample Temp (Deg C): 2.4/3.2/2.6/1.8

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/20/2021

Reviewed By: ABC 4/21/2021

ASSET Laboratories

WORK ORDER Summary

15-Apr-21

WorkOrder: N044982

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044982-001A	MW-114D1-Q221	4/14/2021 9:18:00 AM	4/28/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-001B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-002A	MW-114D2-Q221	4/14/2021 8:30:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-002B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-003A	MW-114S-Q221	4/14/2021 9:52:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-003B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-004A	MW-115D-Q221	4/14/2021 10:36:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-004B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-005A	MW-115S-Q221	4/14/2021 11:10:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-005B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-006A	MW-192D-Q221	4/14/2021 12:24:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-006B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-007A	MW-952-Q221	4/14/2021 12:34:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-007B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-008A	MW-69D-Q221	4/14/2021 1:26:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

15-Apr-21

WorkOrder: N044982

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044982-008B	MW-69D-Q221	4/14/2021 1:26:00 PM	4/28/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-009A	MW-69S-Q221	4/14/2021 2:06:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-009B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-009C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-009D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044982-009E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-010A			4/14/2021 2:16:00 PM		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-010B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-010C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-010D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044982-010E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-011A	MW-152D1-Q221	4/14/2021 10:10:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-011B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

15-Apr-21

WorkOrder: N044982

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044982-011B	MW-152D1-Q221	4/14/2021 10:10:00 AM	4/28/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-012A	MW-152D2-Q221	4/14/2021 10:45:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-012B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-013A	MW-152S-Q221	4/14/2021 9:09:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-013B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-014A	MW-145D1-Q221	4/14/2021 11:43:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-014B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-015A	MW-951-Q221	4/14/2021 11:53:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-015B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-016A	MW-145D2-Q221	4/14/2021 12:24:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-016B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-017A	MW-146D1-Q221	4/14/2021 1:45:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-017B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-018A	MW-146D2-Q221	4/14/2021 2:21:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-018B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

15-Apr-21

WorkOrder: N044982

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044982-019A	MW-175S1-Q221	4/14/2021 10:35:00 AM	4/28/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-019B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-020A	MW-200S3-Q221	4/14/2021 9:47:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-020B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-021A	MW-219S1-Q221	4/14/2021 11:43:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-021B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-022A	MW-23B-Q221	4/14/2021 2:22:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-022B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-023A	MW-23C-Q221	4/14/2021 8:37:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-023B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-024A	MW-97D-Q221	4/14/2021 12:43:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-024B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-025A	MW-97S-Q221	4/14/2021 1:30:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-025B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-026A	MW-94S-Q221	4/14/2021 9:07:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

15-Apr-21

WorkOrder: N044982

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044982-026B	MW-94S-Q221	4/14/2021 9:07:00 AM	4/28/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044982-027A	FOLDER	4/28/2021	4/28/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/28/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/28/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



ASSET Laboratories

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV

Subcontractor:

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Brian Martinez

20-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044982-009D / MW-69S-Q221	Groundwater	4/14/2021 2:06:00 PM	32OZP	1		
N044982-010D / MW-925-Q221	Groundwater	4/14/2021 2:16:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44982A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773494924067

	Date/Time		Date/Time
Relinquished by: <u>YRJ</u>	4/20/2021 1230	Received by: _____	
Relinquished by: _____		Received by: _____	

May 03, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N044983

RE: PG&E Hinkley - GMP, 30046045

Attention: Tonya Russi

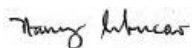
Enclosed are the results for sample(s) received on April 14, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an amended report. Please disregard all previous documentation that corresponds to the page(s) enclosed.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories

Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044983

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (6.1 ug/L) and hexavalent chromium (4.0 ug/L) for sample N044983-005 (MW-50B-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

The report was amended as sample N044983-013 (EB-737-Q221) was reanalyzed for confirmation as initial report has a hit. The reanalyzed result was reported. Please see Corrective Action Report 4633.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank MB-R152072 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (6.1 ug/L) and hexavalent chromium (4.0 ug/L) for sample N044983-005 (MW-50B-Q221) are discrepant, sample from both the total dissolved chromium



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 ELAP Cert 2676 | NV Cert NV00922
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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044983

CASE NARRATIVE

and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 6.4 and 4.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories

Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N044983
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N044983-001A	MW-107S-Q221	Groundwater	4/14/2021 8:08:00 AM	4/14/2021	4/28/2021
N044983-001B	MW-107S-Q221	Groundwater	4/14/2021 8:08:00 AM	4/14/2021	4/28/2021
N044983-002A	MW-72S-Q221	Groundwater	4/14/2021 9:47:00 AM	4/14/2021	4/28/2021
N044983-002B	MW-72S-Q221	Groundwater	4/14/2021 9:47:00 AM	4/14/2021	4/28/2021
N044983-002C	MW-72S-Q221	Groundwater	4/14/2021 9:47:00 AM	4/14/2021	4/28/2021
N044983-002D	MW-72S-Q221	Groundwater	4/14/2021 9:47:00 AM	4/14/2021	4/28/2021
N044983-002E	MW-72S-Q221	Groundwater	4/14/2021 9:47:00 AM	4/14/2021	4/28/2021
N044983-003A	MW-926-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044983-003B	MW-926-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044983-003C	MW-926-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044983-003D	MW-926-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044983-003E	MW-926-Q221	Groundwater	4/14/2021 9:57:00 AM	4/14/2021	4/28/2021
N044983-004A	MW-34-Q221	Groundwater	4/14/2021 2:06:00 PM	4/14/2021	4/28/2021
N044983-004B	MW-34-Q221	Groundwater	4/14/2021 2:06:00 PM	4/14/2021	4/28/2021
N044983-005A	MW-50B-Q221	Groundwater	4/14/2021 10:56:00 AM	4/14/2021	4/28/2021
N044983-005B	MW-50B-Q221	Groundwater	4/14/2021 10:56:00 AM	4/14/2021	4/28/2021
N044983-006A	MW-50S-Q221	Groundwater	4/14/2021 11:30:00 AM	4/14/2021	4/28/2021
N044983-006B	MW-50S-Q221	Groundwater	4/14/2021 11:30:00 AM	4/14/2021	4/28/2021
N044983-007A	MW-41S-Q221	Groundwater	4/14/2021 12:24:00 PM	4/14/2021	4/28/2021
N044983-007B	MW-41S-Q221	Groundwater	4/14/2021 12:24:00 PM	4/14/2021	4/28/2021
N044983-008A	MW-62C-Q221	Groundwater	4/14/2021 8:27:00 AM	4/14/2021	4/28/2021
N044983-008B	MW-62C-Q221	Groundwater	4/14/2021 8:27:00 AM	4/14/2021	4/28/2021
N044983-009A	MW-30B2-Q221	Groundwater	4/14/2021 11:48:00 AM	4/14/2021	4/28/2021
N044983-009B	MW-30B2-Q221	Groundwater	4/14/2021 11:48:00 AM	4/14/2021	4/28/2021
N044983-010A	EB-734-Q221	Groundwater	4/14/2021 2:30:00 PM	4/14/2021	4/28/2021
N044983-011A	EB-735-Q221	Groundwater	4/14/2021 2:16:00 PM	4/14/2021	4/28/2021
N044983-012A	EB-736-Q221	Groundwater	4/14/2021 2:35:00 PM	4/14/2021	4/28/2021
N044983-013A	EB-737-Q221	Groundwater	4/14/2021 2:44:00 PM	4/14/2021	4/28/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-002

Client Sample ID: MW-72S-Q221
Collection Date: 4/14/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1600	17	17	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-003

Client Sample ID: MW-926-Q221
Collection Date: 4/14/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1600	17	17	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87133	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/18/2021			RunNo: 152138		
Client ID: LCSW	Batch ID: 87133	TestNo: SM2540C				Analysis Date: 4/18/2021			SeqNo: 4177346		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	966.000	10	1000	0	96.6	80	120				

Sample ID: MB-87133	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/18/2021			RunNo: 152138		
Client ID: PBW	Batch ID: 87133	TestNo: SM2540C				Analysis Date: 4/18/2021			SeqNo: 4177347		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID: N044982-010CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/18/2021			RunNo: 152138		
Client ID: ZZZZZZ	Batch ID: 87133	TestNo: SM2540C				Analysis Date: 4/18/2021			SeqNo: 4177350		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	4785.000	50						4810	0.521	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-002

Client Sample ID: MW-72S-Q221
Collection Date: 4/14/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	33 0.024 0.67	pCi/L	1 4/18/2021 05:26 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-003

Client Sample ID: MW-926-Q221
Collection Date: 4/14/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	34 0.024 0.67	pCi/L	1 4/18/2021 05:32 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87106	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: PBW	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179268
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID: LCS-87106	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: LCSW	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179269
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.136	0.67	6.700	0	107 85 115

Sample ID: N044981-001E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179273
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	33.339	0.67	6.700	26.51	102 75 125

Sample ID: N044981-001E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179274
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	32.853	0.67	6.700	26.51	94.7 75 125 33.34 1.47 20

Sample ID: N044983-003E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179289
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	40.822	0.67	6.700	33.68	107 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-001

Client Sample ID: MW-107S-Q221
Collection Date: 4/14/2021 8:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.6	0.033	0.20		µg/L	1	4/15/2021 06:01 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate:		4/15/2021	Analyst: CEI	
Chromium	2.8	0.035	1.0		µg/L	1	4/18/2021 02:49 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-002

Client Sample ID: MW-72S-Q221
Collection Date: 4/14/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110	PrepDate: Analyst: RAB					
Hexavalent Chromium	6.1	0.033	0.20		µg/L	1	4/15/2021 06:11 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87096	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	6.0	0.035	1.0		µg/L	1	4/18/2021 02:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-003

Client Sample ID: MW-926-Q221
Collection Date: 4/14/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110	PrepDate: Analyst: RAB					
Hexavalent Chromium	6.0	0.033	0.20		µg/L	1	4/15/2021 06:39 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87096	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	6.1	0.035	1.0		µg/L	1	4/18/2021 03:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-004

Client Sample ID: MW-34-Q221
Collection Date: 4/14/2021 2:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110	PrepDate: Analyst: RAB					
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 06:49 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87096	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	ND	0.035	1.0		µg/L	1	4/18/2021 03:19 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-005

Client Sample ID: MW-50B-Q221
Collection Date: 4/14/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.0	0.033	0.20		µg/L	1	4/15/2021 06:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	6.1	0.035	1.0		µg/L	1	4/18/2021 03:25 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-006

Client Sample ID: MW-50S-Q221
Collection Date: 4/14/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415B	QC Batch: R152110	PrepDate: Analyst: RAB					
Hexavalent Chromium	12	0.033	0.20		µg/L	1	4/15/2021 07:07 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87096	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	12	0.035	1.0		µg/L	1	4/18/2021 03:31 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-007

Client Sample ID: MW-41S-Q221
Collection Date: 4/14/2021 12:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415C	QC Batch: R152111		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.4	0.033	0.20		µg/L	1	4/15/2021 07:36 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	8.3	0.035	1.0		µg/L	1	4/18/2021 03:37 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-008

Client Sample ID: MW-62C-Q221
Collection Date: 4/14/2021 8:27:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415C	QC Batch: R152111	PrepDate: Analyst: RAB					
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 07:45 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210417A	QC Batch: 87096	PrepDate: 4/15/2021 Analyst: CEI					
Chromium	ND	0.035	1.0		µg/L	1	4/18/2021 03:43 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-009

Client Sample ID: MW-30B2-Q221
Collection Date: 4/14/2021 11:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415C	QC Batch: R152111		PrepDate:		Analyst: RAB		
Hexavalent Chromium	9.2	0.033	0.20		µg/L	1	4/15/2021 08:42 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210417A	QC Batch: 87096		PrepDate: 4/15/2021		Analyst: CEI		
Chromium	8.4	0.035	1.0		µg/L	1	4/18/2021 03:49 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-010

Client Sample ID: EB-734-Q221
Collection Date: 4/14/2021 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415C	QC Batch: R152111		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 08:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-011

Client Sample ID: EB-735-Q221
Collection Date: 4/14/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415C	QC Batch: R152111		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 09:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-012

Client Sample ID: EB-736-Q221
Collection Date: 4/14/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210415C	QC Batch: R152111		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/15/2021 09:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-013

Client Sample ID: EB-737-Q221
Collection Date: 4/14/2021 2:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC

EPA 218.6

RunID: NV00922-IC7_210429A	QC Batch: R152401			PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20	µg/L	1	4/29/2021 10:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: LCS-R152110	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: LCSW	Batch ID: R152110	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175886							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.058	0.20	5.000	0	101	90	110				

Sample ID: MB-R152110	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: PBW	Batch ID: R152110	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175887							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N044982-022AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: ZZZZZZ	Batch ID: R152110	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175902							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	8.769	0.20	5.000	3.531	105	90	110				

Sample ID: N044982-022AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: ZZZZZZ	Batch ID: R152110	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175903							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	8.860	0.20	5.000	3.531	107	90	110	8.769	1.03	20	

Sample ID: N044982-019ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: ZZZZZZ	Batch ID: R152110	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175904							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.373	0.20						3.352	0.621	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N044982-019AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152110						
Client ID: ZZZZZZ	Batch ID: R152110	TestNo: EPA 218.6	Analysis Date: 4/15/2021	SeqNo: 4175905							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	8.607	0.20	5.000	3.352	105	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: MB-R152111	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152111						
Client ID: PBW	Batch ID: R152111	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175926						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R152111	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152111						
Client ID: LCSW	Batch ID: R152111	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175927						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 5.031 0.20 5.000 0 101 90 110

Sample ID: N044983-008AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152111						
Client ID: ZZZZZZ	Batch ID: R152111	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175930						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 1.053 0.20 1.000 0 105 90 110

Sample ID: N044983-008AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152111						
Client ID: ZZZZZZ	Batch ID: R152111	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175931						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 1.044 0.20 1.000 0 104 90 110 1.052 0.849 20

Sample ID: N044983-007ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152111						
Client ID: ZZZZZZ	Batch ID: R152111	TestNo: EPA 218.6		Analysis Date: 4/15/2021	SeqNo: 4175934						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 8.337 0.20 8.374 0.442 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152401	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: PBW	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189888							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: LCS-R152401	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: LCSW	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189889							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.946	0.20	5.000	0	98.9	90	110				

Sample ID: N045187-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189892							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.019	0.20	1.000	0	102	90	110				

Sample ID: N045187-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189894							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.214	0.20	1.000	2.254	96.0	90	110				

Sample ID: N045187-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189898							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.059	0.20	1.000	0	106	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: N045187-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189900	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	39.419	1.0	25.00	14.00	102 90 110

Sample ID: N045187-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189902	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	49.185	1.0	25.00	24.38	99.2 90 110

Sample ID: N045188-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189905	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.013	0.20	1.000	0	101 90 110

Sample ID: N045188-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189907	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.975	0.20	1.000	0	97.5 90 110

Sample ID: N045188-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189911	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.106	0.20	1.000	0.07280	103 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

**ASSET LABORATORIES**

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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: N045188-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189913							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	10.487	0.20	5.000	5.480	100	90	110				

Sample ID: N045188-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189915							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	191.794	4.0	100.0	92.13	99.7	90	110				

Sample ID: N045187-006AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189916							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	38.765	1.0	25.00	14.00	99.1	90	110	39.42	1.67	20	

Sample ID: N045188-004ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189917							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.066	0.20						0.07280	0	20	

Sample ID: N045187-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189921							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.054	0.20	1.000	0	105	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: N045187-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189923							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.070	0.20	1.000	0	107	90	110				

Sample ID: N045187-008AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189925							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.026	0.20	1.000	0	103	90	110				

Sample ID: N045188-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189927							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.027	0.20	1.000	0	103	90	110				

Sample ID: N045188-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152401						
Client ID: ZZZZZZ	Batch ID: R152401	TestNo: EPA 218.6	Analysis Date: 4/29/2021	SeqNo: 4189931							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.046	0.20	1.000	0	105	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87096	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: PBW	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180375
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87096	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: LCSW	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180376
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.016 1.0 10.00 0 100 85 115

Sample ID: N044982-021B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: ZZZZZZ	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180384
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 12.988 1.0 10.00 3.841 91.5 75 125

Sample ID: N044982-021B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/15/2021	RunNo: 152193
Client ID: ZZZZZZ	Batch ID: 87096	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4180385
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.200 1.0 10.00 3.841 93.6 75 125 12.99 1.62 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-002

Client Sample ID: MW-72S-Q221
Collection Date: 4/14/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	18 0.44	2.5	mg/L 50 4/15/2021 12:13 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 28-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N044983
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N044983-003

Client Sample ID: MW-926-Q221
Collection Date: 4/14/2021 9:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210415A	QC Batch: R152072	PrepDate:	Analyst: RAB
Nitrate as N	18 0.44	2.5	mg/L
		50	4/15/2021 12:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID: MB-R152072_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072
Client ID: PBW	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021	SeqNo: 4174261
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	0.027	0.050			

Sample ID: LCS-R152072_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072
Client ID: LCSW	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021	SeqNo: 4174262
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	1.290	0.050	1.250	0	103 90 110

Sample ID: N044981-007BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021	SeqNo: 4174277
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	40.766	1.0	25.00	15.14	102 80 120

Sample ID: N044981-007BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021	SeqNo: 4174278
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	40.912	1.0	25.00	15.14	103 80 120 40.77 0.358 20

Sample ID: N044983-002BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0		Analysis Date: 4/15/2021	SeqNo: 4174279
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrate as N	80.855	2.5	62.50	18.31	100 80 120

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N044983
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N044981-002BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152072						
Client ID: ZZZZZZ	Batch ID: R152072	TestNo: EPA 300.0	Analysis Date: 4/15/2021	SeqNo: 4174282							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	58.060	2.5						61.38	5.56	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL, INDUSTRIAL, AND FOODS

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Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/14/2021

Workorder: N044983

Rep sample Temp (Deg C): 2.4/3.2/2.6/1.8

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YRT

4/20/2021

Reviewed By:

ABC

4/21/2021

ASSET Laboratories

WORK ORDER Summary

15-Apr-21

WorkOrder: N044983

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044983-001A	MW-107S-Q221	4/14/2021 8:08:00 AM	4/28/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-001B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-002A	MW-72S-Q221	4/14/2021 9:47:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-002B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-002C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-002D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044983-002E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-003A	MW-926-Q221	4/14/2021 9:57:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-003B			4/28/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-003C			4/28/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-003D			4/28/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N044983-003E			4/28/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-004A	MW-34-Q221	4/14/2021 2:06:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

15-Apr-21

WorkOrder: N044983

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/14/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044983-004B	MW-34-Q221	4/14/2021 2:06:00 PM	4/28/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-005A	MW-50B-Q221	4/14/2021 10:56:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-005B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-006A	MW-50S-Q221	4/14/2021 11:30:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-006B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-007A	MW-41S-Q221	4/14/2021 12:24:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-007B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-008A	MW-62C-Q221	4/14/2021 8:27:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-008B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-009A	MW-30B2-Q221	4/14/2021 11:48:00 AM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-009B			4/28/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/28/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-010A	EB-734-Q221	4/14/2021 2:30:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-011A	EB-735-Q221	4/14/2021 2:16:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-012A	EB-736-Q221	4/14/2021 2:35:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-013A	EB-737-Q221	4/14/2021 2:44:00 PM	4/28/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N044983-014A	FOLDER	4/28/2021	4/28/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

WORK ORDER Summary

15-Apr-21

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

Comments:

QC Level: Level IV

WorkOrder: N044983

Date Received: 4/14/2021

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N044983-014A	FOLDER	4/28/2021	4/28/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/28/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

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3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Riggie Tep

20-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N044983-002D / MW-72S-Q221	Groundwater	4/14/2021 9:47:00 AM	32OZP	1		
N044983-003D / MW-926-Q221	Groundwater	4/14/2021 9:57:00 AM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N44983A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Syandard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773494923932

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	4/20/2021 1230	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 30, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045000

RE: PG&E Hinkley - ATU, 30046045

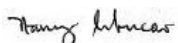
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 15, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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3151 W. Post Rd., Las Vegas, NV 89118
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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N045000

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (48 ug/L) and hexavalent chromium (27 ug/L) for sample N045000-009 (EX-63-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (32 ug/L) and hexavalent chromium (21 ug/L) for sample N045000-011 (EX-65-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank MB-R152126 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery and RPD criteria for Iron in



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N045000

CASE NARRATIVE

QC sample N045004-001DMS, N045004-001DMSD, N045004-009DMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (48 ug/L) and hexavalent chromium (27 ug/L) for sample N045000-009 (EX-63-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 50 and 44 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (32 ug/L) and hexavalent chromium (21 ug/L) for sample N045000-011 (EX-65-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 33 and 27 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N045000-019E-MS and N045000-019E-MSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - ATU, 30046045**Lab Order:** N045000**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045000-001A	DW-02-Q221	Groundwater	4/15/2021 9:58:00 AM	4/15/2021	4/30/2021
N045000-001B	DW-02-Q221	Groundwater	4/15/2021 9:58:00 AM	4/15/2021	4/30/2021
N045000-001C	DW-02-Q221	Groundwater	4/15/2021 9:58:00 AM	4/15/2021	4/30/2021
N045000-001D	DW-02-Q221	Groundwater	4/15/2021 9:58:00 AM	4/15/2021	4/30/2021
N045000-001E	DW-02-Q221	Groundwater	4/15/2021 9:58:00 AM	4/15/2021	4/30/2021
N045000-002A	MW-86D-Q221	Groundwater	4/15/2021 11:03:00 AM	4/15/2021	4/30/2021
N045000-002B	MW-86D-Q221	Groundwater	4/15/2021 11:03:00 AM	4/15/2021	4/30/2021
N045000-002C	MW-86D-Q221	Groundwater	4/15/2021 11:03:00 AM	4/15/2021	4/30/2021
N045000-002D	MW-86D-Q221	Groundwater	4/15/2021 11:03:00 AM	4/15/2021	4/30/2021
N045000-002E	MW-86D-Q221	Groundwater	4/15/2021 11:03:00 AM	4/15/2021	4/30/2021
N045000-003A	MW-86S-Q221	Groundwater	4/15/2021 10:05:00 AM	4/15/2021	4/30/2021
N045000-003B	MW-86S-Q221	Groundwater	4/15/2021 10:05:00 AM	4/15/2021	4/30/2021
N045000-003C	MW-86S-Q221	Groundwater	4/15/2021 10:05:00 AM	4/15/2021	4/30/2021
N045000-003D	MW-86S-Q221	Groundwater	4/15/2021 10:05:00 AM	4/15/2021	4/30/2021
N045000-003E	MW-86S-Q221	Groundwater	4/15/2021 10:05:00 AM	4/15/2021	4/30/2021
N045000-004A	MW-88D-Q221	Groundwater	4/15/2021 2:08:00 PM	4/15/2021	4/30/2021
N045000-004B	MW-88D-Q221	Groundwater	4/15/2021 2:08:00 PM	4/15/2021	4/30/2021
N045000-004C	MW-88D-Q221	Groundwater	4/15/2021 2:08:00 PM	4/15/2021	4/30/2021
N045000-004D	MW-88D-Q221	Groundwater	4/15/2021 2:08:00 PM	4/15/2021	4/30/2021
N045000-004E	MW-88D-Q221	Groundwater	4/15/2021 2:08:00 PM	4/15/2021	4/30/2021
N045000-005A	MW-88S-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-005B	MW-88S-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-005C	MW-88S-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-005D	MW-88S-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-005E	MW-88S-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-006A	EX-56-Q221	Groundwater	4/15/2021 8:50:00 AM	4/15/2021	4/30/2021
N045000-006B	EX-56-Q221	Groundwater	4/15/2021 8:50:00 AM	4/15/2021	4/30/2021
N045000-006C	EX-56-Q221	Groundwater	4/15/2021 8:50:00 AM	4/15/2021	4/30/2021
N045000-006D	EX-56-Q221	Groundwater	4/15/2021 8:50:00 AM	4/15/2021	4/30/2021

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N045000
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045000-007A	EX-60D-Q221	Groundwater	4/15/2021 10:50:00 AM	4/15/2021	4/30/2021
N045000-007B	EX-60D-Q221	Groundwater	4/15/2021 10:50:00 AM	4/15/2021	4/30/2021
N045000-007C	EX-60D-Q221	Groundwater	4/15/2021 10:50:00 AM	4/15/2021	4/30/2021
N045000-007D	EX-60D-Q221	Groundwater	4/15/2021 10:50:00 AM	4/15/2021	4/30/2021
N045000-008A	EX-61D-Q221	Groundwater	4/15/2021 10:30:00 AM	4/15/2021	4/30/2021
N045000-008B	EX-61D-Q221	Groundwater	4/15/2021 10:30:00 AM	4/15/2021	4/30/2021
N045000-008C	EX-61D-Q221	Groundwater	4/15/2021 10:30:00 AM	4/15/2021	4/30/2021
N045000-008D	EX-61D-Q221	Groundwater	4/15/2021 10:30:00 AM	4/15/2021	4/30/2021
N045000-009A	EX-63-Q221	Groundwater	4/15/2021 12:30:00 PM	4/15/2021	4/30/2021
N045000-009B	EX-63-Q221	Groundwater	4/15/2021 12:30:00 PM	4/15/2021	4/30/2021
N045000-009C	EX-63-Q221	Groundwater	4/15/2021 12:30:00 PM	4/15/2021	4/30/2021
N045000-009D	EX-63-Q221	Groundwater	4/15/2021 12:30:00 PM	4/15/2021	4/30/2021
N045000-010A	EX-64-Q221	Groundwater	4/15/2021 12:45:00 PM	4/15/2021	4/30/2021
N045000-010B	EX-64-Q221	Groundwater	4/15/2021 12:45:00 PM	4/15/2021	4/30/2021
N045000-010C	EX-64-Q221	Groundwater	4/15/2021 12:45:00 PM	4/15/2021	4/30/2021
N045000-010D	EX-64-Q221	Groundwater	4/15/2021 12:45:00 PM	4/15/2021	4/30/2021
N045000-011A	EX-65-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-011B	EX-65-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-011C	EX-65-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-011D	EX-65-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-012A	EX-68-Q221	Groundwater	4/15/2021 11:55:00 AM	4/15/2021	4/30/2021
N045000-012B	EX-68-Q221	Groundwater	4/15/2021 11:55:00 AM	4/15/2021	4/30/2021
N045000-012C	EX-68-Q221	Groundwater	4/15/2021 11:55:00 AM	4/15/2021	4/30/2021
N045000-012D	EX-68-Q221	Groundwater	4/15/2021 11:55:00 AM	4/15/2021	4/30/2021
N045000-013A	EX-69-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-013B	EX-69-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-013C	EX-69-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-013D	EX-69-Q221	Groundwater	4/15/2021 1:35:00 PM	4/15/2021	4/30/2021
N045000-014A	EX-38-Q221	Groundwater	4/15/2021 11:15:00 AM	4/15/2021	4/30/2021
N045000-014B	EX-38-Q221	Groundwater	4/15/2021 11:15:00 AM	4/15/2021	4/30/2021



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N045000
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045000-015A	X-04-Q221	Groundwater	4/15/2021 9:55:00 AM	4/15/2021	4/30/2021
N045000-015B	X-04-Q221	Groundwater	4/15/2021 9:55:00 AM	4/15/2021	4/30/2021
N045000-016A	X-05-Q221	Groundwater	4/15/2021 10:10:00 AM	4/15/2021	4/30/2021
N045000-016B	X-05-Q221	Groundwater	4/15/2021 10:10:00 AM	4/15/2021	4/30/2021
N045000-017A	X-09-Q221	Groundwater	4/15/2021 11:30:00 AM	4/15/2021	4/30/2021
N045000-017B	X-09-Q221	Groundwater	4/15/2021 11:30:00 AM	4/15/2021	4/30/2021
N045000-018A	MW-208S-Q221	Groundwater	4/15/2021 11:56:00 AM	4/15/2021	4/30/2021
N045000-018B	MW-208S-Q221	Groundwater	4/15/2021 11:56:00 AM	4/15/2021	4/30/2021
N045000-018C	MW-208S-Q221	Groundwater	4/15/2021 11:56:00 AM	4/15/2021	4/30/2021
N045000-018D	MW-208S-Q221	Groundwater	4/15/2021 11:56:00 AM	4/15/2021	4/30/2021
N045000-018E	MW-208S-Q221	Groundwater	4/15/2021 11:56:00 AM	4/15/2021	4/30/2021
N045000-019A	MW-209S-Q221	Groundwater	4/15/2021 12:50:00 PM	4/15/2021	4/30/2021
N045000-019B	MW-209S-Q221	Groundwater	4/15/2021 12:50:00 PM	4/15/2021	4/30/2021
N045000-019C	MW-209S-Q221	Groundwater	4/15/2021 12:50:00 PM	4/15/2021	4/30/2021
N045000-019D	MW-209S-Q221	Groundwater	4/15/2021 12:50:00 PM	4/15/2021	4/30/2021
N045000-019E	MW-209S-Q221	Groundwater	4/15/2021 12:50:00 PM	4/15/2021	4/30/2021
N045000-020A	MW-909-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-020B	MW-909-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-020C	MW-909-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-020D	MW-909-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-020E	MW-909-Q221	Groundwater	4/15/2021 1:00:00 PM	4/15/2021	4/30/2021
N045000-021A	MW-211S-Q221	Groundwater	4/15/2021 2:30:00 PM	4/15/2021	4/30/2021
N045000-021B	MW-211S-Q221	Groundwater	4/15/2021 2:30:00 PM	4/15/2021	4/30/2021
N045000-021C	MW-211S-Q221	Groundwater	4/15/2021 2:30:00 PM	4/15/2021	4/30/2021
N045000-021D	MW-211S-Q221	Groundwater	4/15/2021 2:30:00 PM	4/15/2021	4/30/2021
N045000-021E	MW-211S-Q221	Groundwater	4/15/2021 2:30:00 PM	4/15/2021	4/30/2021
N045000-022A	MW-210S-Q221	Groundwater	4/15/2021 1:44:00 PM	4/15/2021	4/30/2021
N045000-022B	MW-210S-Q221	Groundwater	4/15/2021 1:44:00 PM	4/15/2021	4/30/2021
N045000-022C	MW-210S-Q221	Groundwater	4/15/2021 1:44:00 PM	4/15/2021	4/30/2021
N045000-022D	MW-210S-Q221	Groundwater	4/15/2021 1:44:00 PM	4/15/2021	4/30/2021



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N045000
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045000-022E	MW-210S-Q221	Groundwater	4/15/2021 1:44:00 PM	4/15/2021	4/30/2021
N045000-023A	MW-910-Q221	Groundwater	4/15/2021 1:54:00 PM	4/15/2021	4/30/2021
N045000-023B	MW-910-Q221	Groundwater	4/15/2021 1:54:00 PM	4/15/2021	4/30/2021
N045000-023C	MW-910-Q221	Groundwater	4/15/2021 1:54:00 PM	4/15/2021	4/30/2021
N045000-023D	MW-910-Q221	Groundwater	4/15/2021 1:54:00 PM	4/15/2021	4/30/2021
N045000-023E	MW-910-Q221	Groundwater	4/15/2021 1:54:00 PM	4/15/2021	4/30/2021
N045000-024A	EB-742-Q221	Groundwater	4/15/2021 2:14:00 PM	4/15/2021	4/30/2021
N045000-025A	EB-743-Q221	Groundwater	4/15/2021 2:40:00 PM	4/15/2021	4/30/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-001

Client Sample ID: DW-02-Q221
Collection Date: 4/15/2021 9:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	2900	33	33	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-002

Client Sample ID: MW-86D-Q221
Collection Date: 4/15/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	400	10	10	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-003

Client Sample ID: MW-86S-Q221
Collection Date: 4/15/2021 10:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1200	13	13	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-004

Client Sample ID: MW-88D-Q221
Collection Date: 4/15/2021 2:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	500	10	10	mg/L	1	4/18/2021 11:13 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-005

Client Sample ID: MW-88S-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1200	13	13	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-006

Client Sample ID: EX-56-Q221
Collection Date: 4/15/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210418A	QC Batch: 87133			PrepDate: 4/18/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	570	10	10	mg/L	1	4/18/2021 11:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-007

Client Sample ID: EX-60D-Q221
Collection Date: 4/15/2021 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	740	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-008

Client Sample ID: EX-61D-Q221
Collection Date: 4/15/2021 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	870	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-009

Client Sample ID: EX-63-Q221
Collection Date: 4/15/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	840	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-010

Client Sample ID: EX-64-Q221
Collection Date: 4/15/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	700	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-011

Client Sample ID: EX-65-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	740	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-012

Client Sample ID: EX-68-Q221
Collection Date: 4/15/2021 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	860	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-013

Client Sample ID: EX-69-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	750	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-018

Client Sample ID: MW-208S-Q221
Collection Date: 4/15/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	850	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-019

Client Sample ID: MW-209S-Q221
Collection Date: 4/15/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1300	13	13	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-020

Client Sample ID: MW-909-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419A	QC Batch: 87154			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1200	13	13	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-021

Client Sample ID: MW-211S-Q221
Collection Date: 4/15/2021 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	700	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-022

Client Sample ID: MW-210S-Q221
Collection Date: 4/15/2021 1:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	940	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-023

Client Sample ID: MW-910-Q221
Collection Date: 4/15/2021 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	930	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-87133	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/18/2021	RunNo:	152138			
Client ID:	LCSW	Batch ID:	87133	TestNo:	SM2540C			Analysis Date:	4/18/2021	SeqNo:	4177346			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		966.000		10	1000	0		96.6	80	120				

Sample ID	MB-87133	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/18/2021	RunNo:	152138			
Client ID:	PBW	Batch ID:	87133	TestNo:	SM2540C			Analysis Date:	4/18/2021	SeqNo:	4177347			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N044982-010CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/18/2021	RunNo:	152138			
Client ID:	ZZZZZZ	Batch ID:	87133	TestNo:	SM2540C			Analysis Date:	4/18/2021	SeqNo:	4177350			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		4785.000		50							4810	0.521	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_2540C_W

Sample ID	LCS-87154	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152161
Client ID:	LCSW	Batch ID:	87154	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179095
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera	959.000	10	1000	0	95.9	80	120
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Sample ID	MB-87154	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152161
Client ID:	PBW	Batch ID:	87154	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179096
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera	ND	10
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Sample ID	N045000-019CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152161
Client ID:	ZZZZZZ	Batch ID:	87154	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179106
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Total Dissolved Solids (Residue, Filtera	1228.000	13					1265	2.99	5
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_2540C_W

Sample ID	LCS-87155	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	LCSW	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179108			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera	959.000	10	1000	0	95.9	80	120
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Sample ID	MB-87155	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	PBW	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179109			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera	ND	10
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Sample ID	N045001-002CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	ZZZZZZ	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179114			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera	4100.000	50				4040	1.47	5
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-001

Client Sample ID: DW-02-Q221
Collection Date: 4/15/2021 9:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	67 0.024 0.67	pCi/L	1 4/18/2021 06:08 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-002

Client Sample ID: MW-86D-Q221
Collection Date: 4/15/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	7.0 0.024 0.67	pCi/L	1 4/18/2021 06:14 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-003

Client Sample ID: MW-86S-Q221
Collection Date: 4/15/2021 10:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	32 0.024 0.67	pCi/L	1 4/18/2021 06:20 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-004

Client Sample ID: MW-88D-Q221
Collection Date: 4/15/2021 2:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	5.3 0.024 0.67	pCi/L	1 4/18/2021 06:26 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-005

Client Sample ID: MW-88S-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	33 0.024 0.67	pCi/L	1 4/18/2021 06:32 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-018

Client Sample ID: MW-208S-Q221
Collection Date: 4/15/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	26 0.024 0.67	pCi/L	1 4/18/2021 06:38 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-019

Client Sample ID: MW-209S-Q221
Collection Date: 4/15/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	22 0.024 0.67	pCi/L	1 4/18/2021 06:44 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-020

Client Sample ID: MW-909-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210418B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	22 0.024 0.67	pCi/L	1 4/18/2021 06:50 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-021

Client Sample ID: MW-211S-Q221
Collection Date: 4/15/2021 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87106	PrepDate: 4/16/2021	Analyst: CEI
Uranium	18 0.18 3.4	pCi/L	5 4/20/2021 04:11 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-022

Client Sample ID: MW-210S-Q221
Collection Date: 4/15/2021 1:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	31 0.024 0.67	pCi/L	1 4/20/2021 04:52 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-023

Client Sample ID: MW-910-Q221
Collection Date: 4/15/2021 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	29 0.024 0.67	pCi/L	1 4/20/2021 05:34 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-87106	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: PBW	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179268
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID LCS-87106	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: LCSW	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179269
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.136	0.67	6.700	0	107 85 115

Sample ID N044981-001E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179273
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	33.339	0.67	6.700	26.51	102 75 125

Sample ID N044981-001E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179274
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	32.853	0.67	6.700	26.51	94.7 75 125 33.34 1.47 20

Sample ID N044983-003E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/16/2021	RunNo: 152163
Client ID: ZZZZZ	Batch ID: 87106	TestNo: EPA 200.8		Analysis Date: 4/18/2021	SeqNo: 4179289
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	40.822	0.67	6.700	33.68	107 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8DIS_U_PGE

Sample ID	MB-87136	SampType:	MBLK	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/19/2021	RunNo:	152286		
Client ID:	PBW	Batch ID:	87136	TestNo:	EPA 200.8			Analysis Date:	4/20/2021	SeqNo:	4184575		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium ND 0.67

Sample ID	LCS-87136	SampType:	LCS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/19/2021	RunNo:	152286			
Client ID:	LCSW	Batch ID:	87136	TestNo:	EPA 200.8			Analysis Date:	4/20/2021	SeqNo:	4184576			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 7.377 0.67 6.700 0 110 85 115

Sample ID	N045000-022E-MS	SampType:	MS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/19/2021	RunNo:	152286			
Client ID:	ZZZZZZ	Batch ID:	87136	TestNo:	EPA 200.8			Analysis Date:	4/20/2021	SeqNo:	4184582			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 37.407 0.67 6.700 30.58 102 75 125

Sample ID	N045000-022E-MSD	SampType:	MSD	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	4/19/2021	RunNo:	152286			
Client ID:	ZZZZZZ	Batch ID:	87136	TestNo:	EPA 200.8			Analysis Date:	4/20/2021	SeqNo:	4184583			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Uranium 37.294 0.67 6.700 30.58 100 75 125 37.41 0.302 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-001

Client Sample ID: DW-02-Q221
Collection Date: 4/15/2021 9:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.6	0.033	0.20		µg/L	1	4/16/2021 10:47 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	1.5	0.035	1.0		µg/L	1	4/19/2021 12:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-002

Client Sample ID: MW-86D-Q221
Collection Date: 4/15/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.033	0.20		µg/L	1	4/16/2021 10:57 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		4/16/2021	Analyst: CEI	
Chromium	2.2	0.035	1.0		µg/L	1	4/19/2021 12:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-003

Client Sample ID: MW-86S-Q221
Collection Date: 4/15/2021 10:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.8	0.033	0.20		µg/L	1	4/16/2021 11:06 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		4/16/2021	Analyst: CEI	
Chromium	4.5	0.035	1.0		µg/L	1	4/19/2021 12:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-004

Client Sample ID: MW-88D-Q221
Collection Date: 4/15/2021 2:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.0	0.033	0.20		µg/L	1	4/16/2021 11:16 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	1.3	0.035	1.0		µg/L	1	4/19/2021 01:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-005

Client Sample ID: MW-88S-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.033	0.20		µg/L	1	4/16/2021 11:25 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		4/16/2021	Analyst: CEI	
Chromium	2.1	0.035	1.0		µg/L	1	4/19/2021 01:06 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-006

Client Sample ID: EX-56-Q221
Collection Date: 4/15/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	31	0.17	1.0		µg/L	5	4/16/2021 11:34 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	30	0.035	1.0		µg/L	1	4/19/2021 01:12 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-007

Client Sample ID: EX-60D-Q221
Collection Date: 4/15/2021 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	200	0.66	4.0		µg/L	20	4/16/2021 04:47 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	200	0.18	5.0		µg/L	5	4/19/2021 06:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-008

Client Sample ID: EX-61D-Q221
Collection Date: 4/15/2021 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	100	0.33	2.0		µg/L	10	4/16/2021 05:54 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	93	0.035	1.0		µg/L	1	4/19/2021 01:24 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-009

Client Sample ID: EX-63-Q221
Collection Date: 4/15/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	27	0.17	1.0		µg/L	5	4/16/2021 06:03 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	48	0.035	1.0		µg/L	1	4/19/2021 06:21 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-010

Client Sample ID: EX-64-Q221
Collection Date: 4/15/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	98	0.33	2.0		µg/L	10	4/16/2021 06:13 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	110	0.035	1.0		µg/L	1	4/19/2021 06:33 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-011

Client Sample ID: EX-65-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	21	0.17	1.0		µg/L	5	4/16/2021 06:22 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	32	0.035	1.0		µg/L	1	4/19/2021 01:42 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-012

Client Sample ID: EX-68-Q221
Collection Date: 4/15/2021 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	35	0.17	1.0		µg/L	5	4/16/2021 06:32 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	33	0.035	1.0		µg/L	1	4/19/2021 01:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-013

Client Sample ID: EX-69-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	32	0.17	1.0		µg/L	5	4/16/2021 04:19 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	30	0.035	1.0		µg/L	1	4/19/2021 02:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-014

Client Sample ID: EX-38-Q221
Collection Date: 4/15/2021 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	55	0.17	1.0		µg/L	5	4/16/2021 04:57 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	50	0.035	1.0		µg/L	1	4/19/2021 02:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-015

Client Sample ID: X-04-Q221
Collection Date: 4/15/2021 9:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416A	QC Batch: R152112			PrepDate:		Analyst: RAB	
Hexavalent Chromium	6.2	0.033	0.20		µg/L	1	4/16/2021 05:06 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate:	4/16/2021	Analyst: CEI	
Chromium	5.9	0.035	1.0		µg/L	1	4/19/2021 02:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-016

Client Sample ID: X-05-Q221
Collection Date: 4/15/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.1	0.033	0.20		µg/L	1	4/16/2021 05:44 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	4.3	0.035	1.0		µg/L	1	4/19/2021 02:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-017

Client Sample ID: X-09-Q221
Collection Date: 4/15/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	7.4	0.033	0.20		µg/L	1	4/16/2021 03:51 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	6.7	0.035	1.0		µg/L	1	4/19/2021 02:29 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-018

Client Sample ID: MW-208S-Q221
Collection Date: 4/15/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	580	3.3	20		µg/L	100	4/16/2021 06:41 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104		PrepDate:		Analyst: CEI		
Chromium	560	0.18	5.0		µg/L	5	4/19/2021 07:18 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-019

Client Sample ID: MW-209S-Q221
Collection Date: 4/15/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	38	0.17	1.0		µg/L	5	4/16/2021 04:10 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate:		4/16/2021	Analyst: CEI	
Chromium	36	0.035	1.0		µg/L	1	4/19/2021 02:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-020

Client Sample ID: MW-909-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	38	0.17	1.0		µg/L	5	4/16/2021 10:58 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate:		Analyst: CEI		
Chromium	36	0.035	1.0		µg/L	1	4/19/2021 03:46 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-021

Client Sample ID: MW-211S-Q221
Collection Date: 4/15/2021 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416B	QC Batch: R152113			PrepDate:		Analyst: RAB	
Hexavalent Chromium	3.9	0.033	0.20		µg/L	1	4/16/2021 07:09 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87105			PrepDate:	4/16/2021	Analyst: CEI	
Chromium	4.7	0.035	1.0		µg/L	1	4/19/2021 03:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-022

Client Sample ID: MW-210S-Q221
Collection Date: 4/15/2021 1:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	94	0.25	2.0		µg/L	10	4/19/2021 11:59 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	88	0.035	1.0		µg/L	1	4/19/2021 03:58 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-023

Client Sample ID: MW-910-Q221
Collection Date: 4/15/2021 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	95	0.25	2.0		µg/L	10	4/19/2021 12:09 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	89	0.035	1.0		µg/L	1	4/19/2021 04:04 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-024

Client Sample ID: EB-742-Q221
Collection Date: 4/15/2021 2:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210426A	QC Batch: R152299			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.014	0.060		µg/L	1	4/26/2021 12:47 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416B	QC Batch: R152113			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/16/2021 11:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-025

Client Sample ID: EB-743-Q221
Collection Date: 4/15/2021 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC (LOW LEVEL)							
EPA 218.6							
RunID: NV00922-IC6_210426A	QC Batch: R152299				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.014	0.060		µg/L	1	4/26/2021 01:17 PM
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416B	QC Batch: R152113				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/16/2021 11:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_W_LLPG**

Sample ID MB-R152299	SampType: MBLK	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152299
Client ID: PBW	Batch ID: R152299	TestNo: EPA 218.6		Analysis Date: 4/26/2021	SeqNo: 4185136
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			

Sample ID LCS-R152299	SampType: LCS	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152299
Client ID: LCSW	Batch ID: R152299	TestNo: EPA 218.6		Analysis Date: 4/26/2021	SeqNo: 4185137
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.218	0.060	0.2000	0	109 90 110

Sample ID N045000-025ADUP	SampType: DUP	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152299
Client ID: ZZZZZ	Batch ID: R152299	TestNo: EPA 218.6		Analysis Date: 4/26/2021	SeqNo: 4185140
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.060			0 0 20

Sample ID N045000-024AMS	SampType: MS	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152299
Client ID: ZZZZZ	Batch ID: R152299	TestNo: EPA 218.6		Analysis Date: 4/26/2021	SeqNo: 4185141
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.210	0.060	0.2000	0	105 90 110

Sample ID N045000-024AMSD	SampType: MSD	TestCode: 218.6_W_LLPG	Units: µg/L	Prep Date:	RunNo: 152299
Client ID: ZZZZZ	Batch ID: R152299	TestNo: EPA 218.6		Analysis Date: 4/26/2021	SeqNo: 4185142
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	0.220	0.060	0.2000	0	110 90 110 0.2102 4.47 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	MB-R152112	SampType:	MBLK	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152112		
Client ID:	PBW	Batch ID:	R152112	TestNo:	EPA 218.6			Analysis Date:	4/16/2021	SeqNo:	4175949		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID	LCS-R152112	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152112					
Client ID:	LCSW	Batch ID: R152112	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175950						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	4.949	0.20	5.000	0	99.0	90	110				
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Sample ID	N045003-001AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152112		
Client ID:	ZZZZZZ	Batch ID:	R152112	TestNo:	EPA 218.6			Analysis Date:	4/16/2021	SeqNo:	4175952		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.293	0.20	1.000	0.2521	104	90	110				
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Sample ID	N045000-013AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152112		
Client ID:	ZZZZZZ	Batch ID:	R152112	TestNo:	EPA 218.6			Analysis Date:	4/16/2021	SeqNo:	4175966		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	58.082	1.0	25.00	32.08	104	90	110				
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Sample ID	N045000-013AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152112					
Client ID:	ZZZZZZ	Batch ID: R152112	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175967						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	57.777	1.0	25.00	32.08	103	90	110	58.08	0.527	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045000-003ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152112		
Client ID:	ZZZZZZ	Batch ID:	R152112	TestNo:	EPA 218.6			Analysis Date:	4/16/2021	SeqNo:	4175971		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		4.850		0.20						4.825	0.529	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	LCS-R152113	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	LCSW	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175989						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.168	0.20	5.000	0	103	90	110				
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Sample ID	MB-R152113	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	PBW	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175990						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID	N045004-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175995						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	601.010	10	250.0	347.7	101	90	110				
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Sample ID	N045004-005AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175996						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	599.395	10	250.0	347.7	101	90	110	601.0	0.269	20	
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Sample ID	N045000-021AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175997						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	9.102	0.20	5.000	3.912	104	90	110				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045000-021ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152113			
Client ID:	ZZZZZZ	Batch ID:	R152113	TestNo:	EPA 218.6			Analysis Date:	4/16/2021	SeqNo:	4175998			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		3.817		0.20							3.912	2.46	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID MB-R152158	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: PBW	Batch ID: R152158	TestNo: EPA 218.6	Analysis Date: 4/19/2021	SeqNo: 4178922	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID LCS-R152158	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: LCSW	Batch ID: R152158	TestNo: EPA 218.6	Analysis Date: 4/19/2021	SeqNo: 4178923	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 4.939 0.20 5.000 0 98.8 90 110

Sample ID N045019-005ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZZ	Batch ID: R152158	TestNo: EPA 218.6	Analysis Date: 4/19/2021	SeqNo: 4178947	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 1.448 0.20 1.486 2.61 20

Sample ID N045020-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZZ	Batch ID: R152158	TestNo: EPA 218.6	Analysis Date: 4/19/2021	SeqNo: 4178949	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 143.415 2.0 50.00 90.99 105 90 110

Sample ID N045020-007AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZZ	Batch ID: R152158	TestNo: EPA 218.6	Analysis Date: 4/19/2021	SeqNo: 4178950	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 142.462 2.0 50.00 90.99 103 90 110 143.4 0.667 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045000-022AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152158		
Client ID:	ZZZZZZ	Batch ID:	R152158	TestNo:	EPA 218.6			Analysis Date:	4/19/2021	SeqNo:	4178951		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		145.978		2.0	50.00	93.90	104	90	110				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID MB-87104	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: PBW	Batch ID: 87104	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4177370
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID LCS-87104	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: LCSW	Batch ID: 87104	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/18/2021	SeqNo: 4177371
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.261 1.0 10.00 0 103 85 115

Sample ID N044981-006E-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87104	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4177375
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 17.909 1.0 10.00 9.003 89.1 75 125

Sample ID N044981-006E-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87104	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4177376
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 17.851 1.0 10.00 9.003 88.5 75 125 17.91 0.327 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87105	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/16/2021	RunNo:	152140			
Client ID:	PBW	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177400			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0									
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Sample ID	LCS-87105	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/16/2021	RunNo:	152140			
Client ID:	LCSW	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177401			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.003	1.0	10.00	0	100	85	115				
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Sample ID	N045000-019E-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/16/2021	RunNo:	152140			
Client ID:	ZZZZZZ	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177410			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	42.770	1.0	10.00	35.80	69.7	75	125	42.35	0.979	20	S
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Sample ID	N045000-019E-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/16/2021	RunNo:	152140		
Client ID:	ZZZZZZ	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177447		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	42.353	1.0	10.00	35.80	65.5	75	125				S
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID	N044981-006E-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	152140			
Client ID:	ZZZZZZ	Batch ID:	87104	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177374			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium		17.869		1.0	10.00	9.003		88.7	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	N045000-019E-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	152140		
Client ID:	ZZZZZZ	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177408		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium		43.095		1.0	10.00	35.80	72.9	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-001

Client Sample ID: DW-02-Q221
Collection Date: 4/15/2021 9:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	30 0.17 1.0	mg/L	20 4/16/2021 11:56 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-002

Client Sample ID: MW-86D-Q221
Collection Date: 4/15/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	0.63 0.017 0.10	mg/L	2 4/17/2021 12:10 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-003

Client Sample ID: MW-86S-Q221
Collection Date: 4/15/2021 10:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	14 0.087 0.50	mg/L	10 4/17/2021 12:25 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-004

Client Sample ID: MW-88D-Q221
Collection Date: 4/15/2021 2:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	2.5 0.044 0.25	mg/L	5 4/17/2021 12:40 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-005

Client Sample ID: MW-88S-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	14 0.17	1.0	mg/L
			20 4/17/2021 02:09 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-006

Client Sample ID: EX-56-Q221
Collection Date: 4/15/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	2.0 0.017 0.10	mg/L	2 4/17/2021 01:24 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-007

Client Sample ID: EX-60D-Q221
Collection Date: 4/15/2021 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	4.7 0.044 0.25	mg/L	5 4/17/2021 01:39 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-008

Client Sample ID: EX-61D-Q221
Collection Date: 4/15/2021 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	6.6 0.044 0.25	mg/L	5 4/17/2021 01:54 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-009

Client Sample ID: EX-63-Q221
Collection Date: 4/15/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	0.58 0.017 0.10	mg/L	2 4/16/2021 09:13 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-010

Client Sample ID: EX-64-Q221
Collection Date: 4/15/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	0.81 0.017 0.10	mg/L	2 4/16/2021 06:30 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-011

Client Sample ID: EX-65-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	0.85 0.017 0.10	mg/L	2 4/16/2021 06:15 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-012

Client Sample ID: EX-68-Q221
Collection Date: 4/15/2021 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	3.1 0.087 0.50	mg/L	10 4/16/2021 07:59 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-013

Client Sample ID: EX-69-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	7.9 0.087 0.50	mg/L	10 4/16/2021 08:14 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-018

Client Sample ID: MW-208S-Q221
Collection Date: 4/15/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	6.4 0.044 0.25	mg/L	5 4/16/2021 08:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-019

Client Sample ID: MW-209S-Q221
Collection Date: 4/15/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/16/2021 03:32 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Nitrate as N	28	0.44	2.5	mg/L	50	4/16/2021 09:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-020

Client Sample ID: MW-909-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/16/2021 04:32 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Nitrate as N	27	0.44	2.5	mg/L	50	4/16/2021 09:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-021

Client Sample ID: MW-211S-Q221
Collection Date: 4/15/2021 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A **QC Batch:** R152125 **PrepDate:** **Analyst:** RAB
 Nitrate as N 6.7 0.044 0.25 mg/L 5 4/16/2021 08:43 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-022

Client Sample ID: MW-210S-Q221
Collection Date: 4/15/2021 1:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/16/2021 03:47 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Nitrate as N	13	0.17	1.0	mg/L	20	4/16/2021 10:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-023

Client Sample ID: MW-910-Q221
Collection Date: 4/15/2021 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/16/2021 04:46 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Nitrate as N	13	0.17	1.0	mg/L	20	4/16/2021 10:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID	LCS-R152125_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	LCSW	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176342		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.243	0.10	1.250	0	99.4	90	110				

Sample ID	MB-R152125_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	PBW	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176343		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID	N045004-007BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176346		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	6.705	0.50	6.250	0	107	80	120				

Sample ID	N045004-007BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176347		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	6.578	0.50	6.250	0	105	80	120	6.705	1.90	20	

Sample ID	N045004-009BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176348		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.20						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID	N045004-009BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID: ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176357							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P)	2.550	0.20	2.500	0	102	80	120						
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Sample ID	N045004-009BMSD	SampType:	MSD	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152125		
Client ID:	ZZZZZZ	Batch ID:	R152125	TestNo:	EPA 300.0			Analysis Date:	4/16/2021	SeqNo:	4176358		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P)	2.549	0.20	2.500	0	102	80	120	2.550	0.0628	20			
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Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	LCS-R152125_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	LCSW	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176303						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.201 0.050 1.250 0 96.1 90 110

Sample ID	MB-R152125_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	PBW	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176304						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID	N045004-007BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152125			
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176307			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 6.051 0.25 6.250 0.2235 93.2 80 120

Sample ID	N045004-007BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176308						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 6.051 0.25 6.250 0.2235 93.2 80 120 6.050 0.00826 20

Sample ID	N045004-001BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176327						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 36.158 1.0 25.00 12.32 95.4 80 120

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N045004-001BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176335						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	36.376	1.0	25.00	12.32	96.2	80	120	36.16	0.601	20	
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Sample ID	N045004-008BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176336						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	6.071	0.25	6.250	0.2390	93.3	80	120				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	LCS-R152126_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	LCSW	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176369						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.257	0.050	1.250	0	101	90	110				
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Sample ID	MB-R152126_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	PBW	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176370						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	0.038	0.050									
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Sample ID	N045004-009BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/17/2021	SeqNo: 4176389						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	8.304	0.25	6.250	2.348	95.3	80	120				
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Sample ID	N045004-009BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/17/2021	SeqNo: 4176390						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	8.376	0.25	6.250	2.348	96.5	80	120	8.304	0.869	20	
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Sample ID	N045001-004BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/17/2021	SeqNo: 4176391						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	36.420	2.5						36.70	0.779	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N045001-004BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152126	
Client ID:	ZZZZZZ	Batch ID:	R152126	TestNo:	EPA 300.0			Analysis Date:	4/17/2021	SeqNo:	4176392	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		96.575	2.5	62.50	36.70	95.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-006

Client Sample ID: EX-56-Q221
Collection Date: 4/15/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	81	18	20		ug/L	1	4/20/2021 03:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-007

Client Sample ID: EX-60D-Q221
Collection Date: 4/15/2021 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	130	18	20		ug/L	1	4/20/2021 03:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-008

Client Sample ID: EX-61D-Q221
Collection Date: 4/15/2021 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	300	18	20		ug/L	1	4/20/2021 03:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-009

Client Sample ID: EX-63-Q221
Collection Date: 4/15/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	240	18	20		ug/L	1	4/20/2021 03:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-010

Client Sample ID: EX-64-Q221
Collection Date: 4/15/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	120	18	20		ug/L	1	4/20/2021 03:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-011

Client Sample ID: EX-65-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	500	18	20		ug/L	1	4/20/2021 03:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-012

Client Sample ID: EX-68-Q221
Collection Date: 4/15/2021 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	33	18	20		ug/L	1	4/20/2021 03:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-013

Client Sample ID: EX-69-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	29	18	20		ug/L	1	4/20/2021 03:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-014

Client Sample ID: EX-38-Q221
Collection Date: 4/15/2021 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	39	18	20		ug/L	1	4/20/2021 03:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID MB-87147	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: PBW	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179646
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID LCS-87147	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: LCSW	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179647
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	86.295	20	100.0	0	86.3 85 115

Sample ID N045004-001DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179651
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	174.573	20	100.0	29.88	145 75 125 S

Sample ID N045004-001DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179656
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	288.657	20	100.0	29.88	259 75 125 174.6 49.3 20 SR

Sample ID N045004-009DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179660
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	176.669	20	100.0	62.50	114 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID	N045004-009DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173					
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179661						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	257.943	20	100.0	62.50	195	75	125	176.7	37.4	20	SR

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID	N045004-001D-PS	SampType:	PS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:		RunNo:	152173
Client ID:	ZZZZZZ	Batch ID:	87147	TestNo:	EPA 6010B EPA 3010A			Analysis Date:	4/20/2021	SeqNo:	4179650
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Iron		209.148		20	100.0	29.88	179	80	120		S

Sample ID	N045004-009D-PS	SampType:	PS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:		RunNo:	152173
Client ID:	ZZZZZZ	Batch ID:	87147	TestNo:	EPA 6010B EPA 3010A			Analysis Date:	4/20/2021	SeqNo:	4179659
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Iron		197.349		20	100.0	62.50	135	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-006

Client Sample ID: EX-56-Q221
Collection Date: 4/15/2021 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate: 4/16/2021		Analyst: CEI
Arsenic	1.5	0.050	0.10	µg/L	1	4/19/2021 01:12 AM
Manganese	94	0.026	0.50	µg/L	1	4/19/2021 01:12 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-007

Client Sample ID: EX-60D-Q221
Collection Date: 4/15/2021 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate: 4/16/2021		Analyst: CEI
Arsenic	0.71	0.050	0.10	µg/L	1	4/19/2021 01:18 AM
Manganese	29	0.026	0.50	µg/L	1	4/19/2021 01:18 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-008

Client Sample ID: EX-61D-Q221
Collection Date: 4/15/2021 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate: 4/16/2021		Analyst: CEI
Arsenic	1.6	0.050	0.10	µg/L	1	4/19/2021 01:24 AM
Manganese	490	0.13	2.5	µg/L	5	4/19/2021 06:15 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-009

Client Sample ID: EX-63-Q221
Collection Date: 4/15/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate: 4/16/2021		Analyst: CEI
Arsenic	7.7	0.050	0.10	µg/L	1	4/19/2021 06:21 AM
Manganese	5100	1.3	25	µg/L	50	4/19/2021 06:27 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-010

Client Sample ID: EX-64-Q221
Collection Date: 4/15/2021 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate:	4/16/2021	Analyst: CEI	
Arsenic	2.6	0.050	0.10		µg/L	1	4/19/2021 06:33 AM
Manganese	770	0.13	2.5		µg/L	5	4/19/2021 06:39 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-011

Client Sample ID: EX-65-Q221
Collection Date: 4/15/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate:	4/16/2021	Analyst: CEI	
Arsenic	3.1	0.050	0.10		µg/L	1	4/19/2021 01:42 AM
Manganese	2500	0.66	12		µg/L	25	4/19/2021 07:12 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-012

Client Sample ID: EX-68-Q221
Collection Date: 4/15/2021 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate: 4/16/2021		Analyst: CEI
Arsenic	0.73	0.050	0.10	µg/L	1	4/19/2021 01:59 AM
Manganese	47	0.026	0.50	µg/L	1	4/19/2021 01:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-013

Client Sample ID: EX-69-Q221
Collection Date: 4/15/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate:	4/16/2021	Analyst: CEI	
Arsenic	0.50	0.050	0.10		µg/L	1	4/19/2021 02:05 AM
Manganese	ND	0.026	0.50		µg/L	1	4/19/2021 02:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045000
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045000-014

Client Sample ID: EX-38-Q221
Collection Date: 4/15/2021 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87104			PrepDate:	4/16/2021	Analyst: CEI	
Manganese	5.6	0.26	0.50		µg/L	1	4/19/2021 02:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045000
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID MB-87104	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: PBW	Batch ID: 87104	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/18/2021	SeqNo: 4177735
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID LCS-87104	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: LCSW	Batch ID: 87104	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/18/2021	SeqNo: 4177736
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.474	0.10	10.00	0	105 85 115
Manganese	103.935	0.50	100.0	0	104 85 115

Sample ID N044981-006E-MS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87104	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4177740
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.152	0.10	10.00	0.3108	98.4 75 125
Manganese	92.898	0.50	100.0	0	92.9 75 125

Sample ID N044981-006E-MSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/16/2021	RunNo: 152140
Client ID: ZZZZZZ	Batch ID: 87104	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4177741
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.341	0.10	10.00	0.3108	100 75 125 10.15 1.84 20
Manganese	92.754	0.50	100.0	0	92.8 75 125 92.90 0.155 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577		P.O.# Fax:		EDD Requirement: Excel EDD Geolocker Labspec Others <input checked="" type="checkbox"/>		QA/QC: RTNE RWQCB CalTrans LEVEL III LEVEL IV <input checked="" type="checkbox"/> Regulatory Specify State:		Sample Receipt Condition: 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling:	
Phone: 1 916 865 3168 Fax: Submitted By: Brian Martinez Title: Field Tech		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax:		Signature: <i>[Signature]</i> Date: 4/15/21 I hereby authorize ASSET Labs to perform the tests indicated below.		Signature: <i>[Signature]</i> Date: 4/15/21 I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Global ID:		Sample Temp: 2.1°C / 41.2°C / 3.2°C Courier: K&S Tracking No.:			
Project Name: PG&E Hinkley - ATU Project Number: 30046045		Matrix: Ground-water x Sediment Potable Soil NPDES Other Solid Surface		Sampled By: <i>[Signature]</i> Matrix: Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly Anions (E300.0) NO3N, 4°C, 1000ml Poly Ortho-Phosphate (E300.0); 4°C, 1000ml Poly TDS (SM2540C); 4°C, 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5510) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time (TAT): <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays		Special Instruction:					
Item No. Laboratory Work Order No. Sample ID/Location		Sample Date Sample Time Others		Remarks									
N045000-01		DW-02-Q221		4/15/2021 0958		X X		X X		X X		X X	
-02		MW-86D-Q221		4/15/2021 1103		X X		X X		X X		X X	
-03		MW-86S-Q221		4/15/2021 1005		X X		X X		X X		X X	
-04		MW-88D-Q221		4/15/2021 1408		X X		X X		X X		X X	
-05		MW-88S-Q221		4/15/2021 1335		X X		X X		X X		X X	
-06		EX-56-Q221		4/15/2021 0850		X X		X X		X X		X X	
-07		EX-60D-Q221		4/15/2021 1050		X X		X X		X X		X X	
-08		EX-61D-Q221		4/15/2021 1030		X X		X X		X X		X X	
-09		EX-63-Q221		4/15/2021 1230		X X		X X		X X		X X	
-10		EX-64-Q221		4/15/2021 1245		X X		X X		X X		X X	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Brian Martinez Date/Time: 4/15/21 1530 Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854 Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854 Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854 Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854 Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854 Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854 Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854 Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Acantara Date/Time: 4/15/21 1854	
Terms: 1. All samples will be deposited in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs. <200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20% 3. Custom EOD formats will be an additional 3% of the total project price.		8. Trip Blanks and Equipment: Blanks are labile sample. 9. Asset Laboratories is not responsible for samples collected using incorrect methodology. 10. Assets are not 30 days. 11. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 12. For subcontract analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH M=Metal TAT Starts at 8 AM the following day if samples received after 3:00PM.		Container Type: T=Tube V=VOA P=Pin J=Jar B=Tedlar G=Glass M=Metal C=Can							



Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 **F:** 702.307.2691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 **F:** 562.219.7436
www.asseelaboratories.com

Page

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ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/15/2021 Workorder: N045000
 Rep sample Temp (Deg C): 2.1/4.1/3.2/1.3/3.2/3.4 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YR

4/20/2021

Reviewed By:

ABC

4/21/2021

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-001A	DW-02-Q221	4/15/2021 9:58:00 AM	4/29/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-001B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-001C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-001D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-001E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-002A	MW-86D-Q221	4/15/2021 11:03:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-002B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-002C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-002D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-002E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-003A	MW-86S-Q221	4/15/2021 10:05:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-003B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-003C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-003D	MW-86S-Q221	4/15/2021 10:05:00 AM	4/29/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-003E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-004A	MW-88D-Q221	4/15/2021 2:08:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-004B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-004C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-004D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-004E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-005A	MW-88S-Q221	4/15/2021 1:35:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-005B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-005C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-005D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-005E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-005E	MW-88S-Q221	4/15/2021 1:35:00 PM	4/29/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-006A	EX-56-Q221	4/15/2021 8:50:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-006B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-006C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-006D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-007A	EX-60D-Q221	4/15/2021 10:50:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-007B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-007C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-007D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-008A	EX-61D-Q221	4/15/2021 10:30:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-008B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-008C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-008C	EX-61D-Q221	4/15/2021 10:30:00 AM	4/29/2021	Groundwater		Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-008D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-009A	EX-63-Q221	4/15/2021 12:30:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-009B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-009C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-009D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-010A	EX-64-Q221	4/15/2021 12:45:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-010B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-010C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-010D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-010D	EX-64-Q221	4/15/2021 12:45:00 PM	4/29/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-011A	EX-65-Q221	4/15/2021 1:00:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-011B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-011C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-011D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-012A	EX-68-Q221	4/15/2021 11:55:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-012B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-012C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-012D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-013A	EX-69-Q221	4/15/2021 1:35:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-013B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-013C	EX-69-Q221	4/15/2021 1:35:00 PM	4/29/2021	Groundwater	SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-013D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-014A	EX-38-Q221	4/15/2021 11:15:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-014B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-015A	X-04-Q221	4/15/2021 9:55:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-015B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-016A	X-05-Q221	4/15/2021 10:10:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-016B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-017A	X-09-Q221	4/15/2021 11:30:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-017B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-018A	MW-208S-Q221	4/15/2021 11:56:00 AM	4/29/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-018B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-018C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-018D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-018E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	MW-209S-Q221	4/15/2021 12:50:00 PM	4/29/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-019A			4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-019B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-019C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-019D	MW-909-Q221	4/15/2021 1:00:00 PM	4/29/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-019E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-020A			4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-020B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-020C	MW-909-Q221	4/15/2021 1:00:00 PM	4/29/2021	Groundwater	SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-020D	MW-909-Q221	4/15/2021 1:00:00 PM	4/29/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-020E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-021A	MW-211S-Q221	4/15/2021 2:30:00 PM	4/29/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-021B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-021C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-021D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-021E	MW-211S-Q221	4/15/2021 2:30:00 PM	4/29/2021	Groundwater		AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-022A	MW-210S-Q221	4/15/2021 1:44:00 PM	4/29/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-022B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-022C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-022D	MW-210S-Q221	4/15/2021 1:44:00 PM	4/29/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045000

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045000-022E	MW-210S-Q221	4/15/2021 1:44:00 PM	4/29/2021	Groundwater		AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-023A	MW-910-Q221	4/15/2021 1:54:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-023B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-023C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-023D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SUB
N045000-023E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-024A	EB-742-Q221	4/15/2021 2:14:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-025A	EB-743-Q221	4/15/2021 2:40:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045000-026A	FOLDER	4/29/2021	4/29/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/29/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/29/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Reggie Tep

20-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N045000-001D / DW-02-Q221	Groundwater	4/15/2021 9:58:00 AM	32OZP	1		
N045000-002D / MW-86D-Q221	Groundwater	4/15/2021 11:03:00 AM	32OZP	1		
N045000-003D / MW-86S-Q221	Groundwater	4/15/2021 10:05:00 AM	32OZP	1		
N045000-004D / MW-88D-Q221	Groundwater	4/15/2021 2:08:00 PM	32OZP	1		
N045000-005D / MW-88S-Q221	Groundwater	4/15/2021 1:35:00 PM	32OZP	1		
N045000-018D / MW-208S-Q221	Groundwater	4/15/2021 11:56:00 AM	32OZP	1		
N045000-019D / MW-209S-Q221	Groundwater	4/15/2021 12:50:00 PM	32OZP	1		
N045000-020D / MW-909-Q221	Groundwater	4/15/2021 1:00:00 PM	32OZP	1		
N045000-021D / MW-211S-Q221	Groundwater	4/15/2021 2:30:00 PM	32OZP	1		
N045000-022D / MW-210S-Q221	Groundwater	4/15/2021 1:44:00 PM	32OZP	1		
N045000-023D / MW-910-Q221	Groundwater	4/15/2021 1:54:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#: N45000A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773494923932 / 773494924023

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	4/20/2021 1230	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 30, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045001

RE: PG&E Hinkley - GMP, 30046045

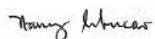
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 15, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045001

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (4.8 ug/L) and hexavalent chromium (3.8 ug/L) for sample N045001-010 (MW-101D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.1 ug/L) and hexavalent chromium (1.3 ug/L) for sample N045001-014 (MW-44B-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Method Blank MB-R152126 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (4.8 ug/L) and hexavalent chromium (3.8 ug/L) for sample N045001-010 (MW-101D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045001

CASE NARRATIVE

chromium. The results from the redigested samples were 4.7 and 4.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.1 ug/L) and hexavalent chromium (1.3 ug/L) for sample N045001-014 (MW-44B-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.1 and 1.6 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N045000-019E-MS and N045000-019E-MSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories

Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045001
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045001-001A	MW-100C-Q221	Groundwater	4/15/2021 8:28:00 AM	4/15/2021	4/30/2021
N045001-001B	MW-100C-Q221	Groundwater	4/15/2021 8:28:00 AM	4/15/2021	4/30/2021
N045001-002A	DW-03-Q221	Groundwater	4/15/2021 12:14:00 PM	4/15/2021	4/30/2021
N045001-002B	DW-03-Q221	Groundwater	4/15/2021 12:14:00 PM	4/15/2021	4/30/2021
N045001-002C	DW-03-Q221	Groundwater	4/15/2021 12:14:00 PM	4/15/2021	4/30/2021
N045001-002D	DW-03-Q221	Groundwater	4/15/2021 12:14:00 PM	4/15/2021	4/30/2021
N045001-002E	DW-03-Q221	Groundwater	4/15/2021 12:14:00 PM	4/15/2021	4/30/2021
N045001-003A	MW-911-Q221	Groundwater	4/15/2021 12:24:00 PM	4/15/2021	4/30/2021
N045001-003B	MW-911-Q221	Groundwater	4/15/2021 12:24:00 PM	4/15/2021	4/30/2021
N045001-003C	MW-911-Q221	Groundwater	4/15/2021 12:24:00 PM	4/15/2021	4/30/2021
N045001-003D	MW-911-Q221	Groundwater	4/15/2021 12:24:00 PM	4/15/2021	4/30/2021
N045001-003E	MW-911-Q221	Groundwater	4/15/2021 12:24:00 PM	4/15/2021	4/30/2021
N045001-004A	MW-62A-Q221	Groundwater	4/15/2021 11:20:00 AM	4/15/2021	4/30/2021
N045001-004B	MW-62A-Q221	Groundwater	4/15/2021 11:20:00 AM	4/15/2021	4/30/2021
N045001-004C	MW-62A-Q221	Groundwater	4/15/2021 11:20:00 AM	4/15/2021	4/30/2021
N045001-004D	MW-62A-Q221	Groundwater	4/15/2021 11:20:00 AM	4/15/2021	4/30/2021
N045001-004E	MW-62A-Q221	Groundwater	4/15/2021 11:20:00 AM	4/15/2021	4/30/2021
N045001-005A	MW-924-Q221	Groundwater	4/15/2021 11:30:00 AM	4/15/2021	4/30/2021
N045001-005B	MW-924-Q221	Groundwater	4/15/2021 11:30:00 AM	4/15/2021	4/30/2021
N045001-005C	MW-924-Q221	Groundwater	4/15/2021 11:30:00 AM	4/15/2021	4/30/2021
N045001-005D	MW-924-Q221	Groundwater	4/15/2021 11:30:00 AM	4/15/2021	4/30/2021
N045001-005E	MW-924-Q221	Groundwater	4/15/2021 11:30:00 AM	4/15/2021	4/30/2021
N045001-006A	C-04-0421	Groundwater	4/15/2021 1:10:00 PM	4/15/2021	4/30/2021
N045001-006B	C-04-0421	Groundwater	4/15/2021 1:10:00 PM	4/15/2021	4/30/2021
N045001-007A	MW-79S-Q221	Groundwater	4/15/2021 8:27:00 AM	4/15/2021	4/30/2021
N045001-007B	MW-79S-Q221	Groundwater	4/15/2021 8:27:00 AM	4/15/2021	4/30/2021
N045001-008A	MW-87D-Q221	Groundwater	4/15/2021 12:39:00 PM	4/15/2021	4/30/2021
N045001-008B	MW-87D-Q221	Groundwater	4/15/2021 12:39:00 PM	4/15/2021	4/30/2021
N045001-009A	MW-87S-Q221	Groundwater	4/15/2021 12:03:00 PM	4/15/2021	4/30/2021



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045001
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045001-009B	MW-87S-Q221	Groundwater	4/15/2021 12:03:00 PM	4/15/2021	4/30/2021
N045001-010A	MW-101D-Q221	Groundwater	4/15/2021 8:18:00 AM	4/15/2021	4/30/2021
N045001-010B	MW-101D-Q221	Groundwater	4/15/2021 8:18:00 AM	4/15/2021	4/30/2021
N045001-011A	MW-122D-Q221	Groundwater	4/15/2021 9:21:00 AM	4/15/2021	4/30/2021
N045001-011B	MW-122D-Q221	Groundwater	4/15/2021 9:21:00 AM	4/15/2021	4/30/2021
N045001-012A	MW-58-Q221	Groundwater	4/15/2021 10:10:00 AM	4/15/2021	4/30/2021
N045001-012B	MW-58-Q221	Groundwater	4/15/2021 10:10:00 AM	4/15/2021	4/30/2021
N045001-013A	MW-923-Q221	Groundwater	4/15/2021 10:20:00 AM	4/15/2021	4/30/2021
N045001-013B	MW-923-Q221	Groundwater	4/15/2021 10:20:00 AM	4/15/2021	4/30/2021
N045001-014A	MW-44B-Q221	Groundwater	4/15/2021 11:03:00 AM	4/15/2021	4/30/2021
N045001-014B	MW-44B-Q221	Groundwater	4/15/2021 11:03:00 AM	4/15/2021	4/30/2021
N045001-015A	MW-80S-Q221	Groundwater	4/15/2021 9:09:00 AM	4/15/2021	4/30/2021
N045001-015B	MW-80S-Q221	Groundwater	4/15/2021 9:09:00 AM	4/15/2021	4/30/2021
N045001-016A	EB-739-Q221	Groundwater	4/15/2021 2:10:00 PM	4/15/2021	4/30/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-002

Client Sample ID: DW-03-Q221
Collection Date: 4/15/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	4000	50	50	mg/L	1	4/19/2021 11:48 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-003

Client Sample ID: MW-911-Q221
Collection Date: 4/15/2021 12:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	4100	50	50	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-004

Client Sample ID: MW-62A-Q221
Collection Date: 4/15/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3000	25	25	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-005

Client Sample ID: MW-924-Q221
Collection Date: 4/15/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3100	25	25	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-87155	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	LCSW	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179108			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		959.000		10	1000	0		95.9	80	120				

Sample ID	MB-87155	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	PBW	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179109			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N045001-002CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	ZZZZZZ	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179114			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		4100.000		50							4040	1.47	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-002

Client Sample ID: DW-03-Q221
Collection Date: 4/15/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	56 0.024 0.67	pCi/L	1 4/20/2021 05:40 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-003

Client Sample ID: MW-911-Q221
Collection Date: 4/15/2021 12:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	57 0.024 0.67	pCi/L	1 4/20/2021 05:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-004

Client Sample ID: MW-62A-Q221
Collection Date: 4/15/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	54 0.024 0.67	pCi/L	1 4/20/2021 05:52 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-005

Client Sample ID: MW-924-Q221
Collection Date: 4/15/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	55 0.024 0.67	pCi/L	1 4/20/2021 05:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-87136	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286
Client ID: PBW	Batch ID: 87136	TestNo: EPA 200.8		Analysis Date: 4/20/2021	SeqNo: 4184575
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID LCS-87136	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286
Client ID: LCSW	Batch ID: 87136	TestNo: EPA 200.8		Analysis Date: 4/20/2021	SeqNo: 4184576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.377	0.67	6.700	0	110 85 115

Sample ID N045000-022E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8		Analysis Date: 4/20/2021	SeqNo: 4184582
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	37.407	0.67	6.700	30.58	102 75 125

Sample ID N045000-022E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8		Analysis Date: 4/20/2021	SeqNo: 4184583
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	37.294	0.67	6.700	30.58	100 75 125 37.41 0.302 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-001

Client Sample ID: MW-100C-Q221
Collection Date: 4/15/2021 8:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	18	0.13	1.0		µg/L	5	4/19/2021 12:37 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate:		Analyst: CEI		
Chromium	18	0.035	1.0		µg/L	1	4/19/2021 04:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-002

Client Sample ID: DW-03-Q221
Collection Date: 4/15/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/17/2021 12:23 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	2.0	0.035	1.0		µg/L	1	4/19/2021 04:16 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-003

Client Sample ID: MW-911-Q221
Collection Date: 4/15/2021 12:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/17/2021 12:32 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	2.2	0.035	1.0		µg/L	1	4/19/2021 04:34 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-004

Client Sample ID: MW-62A-Q221
Collection Date: 4/15/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416B	QC Batch: R152113			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/17/2021 12:42 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87105			PrepDate:	4/16/2021	Analyst: CEI	
Chromium	2.3	0.035	1.0		µg/L	1	4/19/2021 04:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-005

Client Sample ID: MW-924-Q221
Collection Date: 4/15/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.9	0.033	0.20		µg/L	1	4/17/2021 02:26 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	2.2	0.035	1.0		µg/L	1	4/19/2021 04:46 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-006

Client Sample ID: C-04-0421
Collection Date: 4/15/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416C	QC Batch: R152114			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/17/2021 02:35 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87105			PrepDate:	4/16/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/19/2021 04:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-007

Client Sample ID: MW-79S-Q221
Collection Date: 4/15/2021 8:27:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.4	0.033	0.20		µg/L	1	4/17/2021 02:45 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate:		Analyst: CEI		
Chromium	8.2	0.035	1.0		µg/L	1	4/19/2021 04:58 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-008

Client Sample ID: MW-87D-Q221
Collection Date: 4/15/2021 12:39:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.033	0.20		µg/L	1	4/17/2021 02:54 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate:		Analyst: CEI		
Chromium	2.8	0.035	1.0		µg/L	1	4/19/2021 05:04 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-009

Client Sample ID: MW-87S-Q221
Collection Date: 4/15/2021 12:03:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.1	0.033	0.20		µg/L	1	4/17/2021 03:04 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	3.0	0.035	1.0		µg/L	1	4/19/2021 05:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-010

Client Sample ID: MW-101D-Q221
Collection Date: 4/15/2021 8:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.8	0.033	0.20		µg/L	1	4/17/2021 01:10 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate:		Analyst: CEI		
Chromium	4.8	0.035	1.0		µg/L	1	4/19/2021 05:16 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-011

Client Sample ID: MW-122D-Q221
Collection Date: 4/15/2021 9:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416C	QC Batch: R152114			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/17/2021 03:13 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87105			PrepDate:	4/16/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/19/2021 05:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-012

Client Sample ID: MW-58-Q221
Collection Date: 4/15/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.48	0.033	0.20		µg/L	1	4/17/2021 03:23 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/19/2021 05:28 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-013

Client Sample ID: MW-923-Q221
Collection Date: 4/15/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.49	0.033	0.20		µg/L	1	4/17/2021 03:32 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/19/2021 05:46 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-014

Client Sample ID: MW-44B-Q221
Collection Date: 4/15/2021 11:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416C	QC Batch: R152114			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.3	0.033	0.20		µg/L	1	4/17/2021 03:42 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210418A	QC Batch: 87105			PrepDate:	4/16/2021	Analyst: CEI	
Chromium	2.1	0.035	1.0		µg/L	1	4/19/2021 05:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-015

Client Sample ID: MW-80S-Q221
Collection Date: 4/15/2021 9:09:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.3	0.033	0.20		µg/L	1	4/17/2021 01:20 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210418A	QC Batch: 87105		PrepDate: 4/16/2021		Analyst: CEI		
Chromium	2.4	0.035	1.0		µg/L	1	4/19/2021 05:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-016

Client Sample ID: EB-739-Q221
Collection Date: 4/15/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC

EPA 218.6

RunID: NV00922-IC7_210416C	QC Batch: R152114			PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20	µg/L	1	4/17/2021 04:10 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID	LCS-R152113	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152113		
Client ID:	LCSW	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021				SeqNo: 4175989			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.168	0.20	5.000	0	103	90	110				

Sample ID	MB-R152113	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152113		
Client ID:	PBW	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021				SeqNo: 4175990			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID	N045004-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152113		
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021				SeqNo: 4175995			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	601.010	10	250.0	347.7	101	90	110				

Sample ID	N045004-005AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152113		
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021				SeqNo: 4175996			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	599.395	10	250.0	347.7	101	90	110	601.0	0.269	20	

Sample ID	N045000-021AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152113		
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021				SeqNo: 4175997			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	9.102	0.20	5.000	3.912	104	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045000-021ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152113			
Client ID:	ZZZZZZ	Batch ID:	R152113	TestNo:	EPA 218.6			Analysis Date:	4/16/2021	SeqNo:	4175998			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		3.817		0.20							3.912	2.46	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID MB-R152114	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114
Client ID: PBW	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176026	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium ND 0.20

Sample ID LCS-R152114	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114
Client ID: LCSW	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176027	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 5.156 0.20 5.000 0 103 90 110

Sample ID N045001-010AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114
Client ID: ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176030	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 9.102 0.20 5.000 3.845 105 90 110

Sample ID N045001-010AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114
Client ID: ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176031	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 9.140 0.20 5.000 3.845 106 90 110 9.102 0.420 20

Sample ID N045001-015AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114
Client ID: ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176032	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Hexavalent Chromium 3.336 0.20 1.000 2.330 101 90 110

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045001-015ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176035						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.313	0.20						2.330	0.754	20	
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Sample ID	N045004-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176049						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	116.493	2.0	50.00	65.88	101	90	110				
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Sample ID	N045004-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176050						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	117.032	2.0	50.00	65.88	102	90	110	116.5	0.462	20	
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Sample ID	N045004-009AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176052						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	568.115	10	250.0	313.6	102	90	110				
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Sample ID	N045004-009AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176053						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	563.425	10	250.0	313.6	99.9	90	110	568.1	0.829	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	MB-R152158	SampType:	MBLK	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152158			
Client ID:	PBW	Batch ID:	R152158	TestNo:	EPA 218.6			Analysis Date:	4/19/2021	SeqNo:	4178922			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20
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Sample ID	LCS-R152158	SampType:	LCS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152158			
Client ID:	LCSW	Batch ID:	R152158	TestNo:	EPA 218.6			Analysis Date:	4/19/2021	SeqNo:	4178923			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	4.939	0.20	5.000	0	98.8	90	110
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Sample ID	N045019-005ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152158			
Client ID:	ZZZZZZ	Batch ID:	R152158	TestNo:	EPA 218.6			Analysis Date:	4/19/2021	SeqNo:	4178947			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.448	0.20						1.486	2.61	20
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Sample ID	N045020-007AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152158			
Client ID:	ZZZZZZ	Batch ID:	R152158	TestNo:	EPA 218.6			Analysis Date:	4/19/2021	SeqNo:	4178949			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	143.415	2.0	50.00	90.99	105	90	110
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Sample ID	N045020-007AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158					
Client ID:	ZZZZZZ	Batch ID: R152158	TestNo: EPA 218.6	Analysis Date: 4/19/2021	SeqNo: 4178950						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	142.462	2.0	50.00	90.99	103	90	110	143.4	0.667	20
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045000-022AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152158		
Client ID:	ZZZZZZ	Batch ID:	R152158	TestNo:	EPA 218.6			Analysis Date:	4/19/2021	SeqNo:	4178951		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		145.978		2.0	50.00	93.90	104	90	110				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87105	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/16/2021	RunNo:	152140			
Client ID:	PBW	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177400			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-87105	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/16/2021	RunNo:	152140			
Client ID:	LCSW	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177401			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.003	1.0	10.00	0	100	85	115							
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Sample ID	N045000-019E-MSD	SampType:	MSD	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/16/2021	RunNo:	152140			
Client ID:	ZZZZZZ	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177410			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	42.770	1.0	10.00	35.80	69.7	75	125	42.35	0.979	20	S			
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Sample ID	N045000-019E-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/16/2021	RunNo:	152140			
Client ID:	ZZZZZZ	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177447			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	42.353	1.0	10.00	35.80	65.5	75	125							S
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID	N045000-019E-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	152140			
Client ID:	ZZZZZZ	Batch ID:	87105	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4177408			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium		43.095		1.0	10.00	35.80		72.9	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-002

Client Sample ID: DW-03-Q221
Collection Date: 4/15/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	72 0.87	5.0	mg/L 100 4/17/2021 02:24 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-003

Client Sample ID: MW-911-Q221
Collection Date: 4/15/2021 12:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	70 0.87 5.0	mg/L	100 4/17/2021 02:38 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-004

Client Sample ID: MW-62A-Q221
Collection Date: 4/15/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	37 0.44	2.5	mg/L 50 4/17/2021 02:53 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045001
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045001-005

Client Sample ID: MW-924-Q221
Collection Date: 4/15/2021 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126	PrepDate:	Analyst: RAB
Nitrate as N	37 0.44	2.5	mg/L 50 4/17/2021 03:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID	LCS-R152126_NO3	SampType:	LCS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152126			
Client ID:	LCSW	Batch ID:	R152126	TestNo:	EPA 300.0			Analysis Date:	4/16/2021	SeqNo:	4176369			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		1.257		0.050	1.250	0		101	90	110				

Sample ID	MB-R152126_NO3	SampType:	MBLK	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152126			
Client ID:	PBW	Batch ID:	R152126	TestNo:	EPA 300.0			Analysis Date:	4/16/2021	SeqNo:	4176370			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		0.038		0.050										

Sample ID	N045004-009BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152126			
Client ID:	ZZZZZZ	Batch ID:	R152126	TestNo:	EPA 300.0			Analysis Date:	4/17/2021	SeqNo:	4176389			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		8.304		0.25	6.250	2.348		95.3	80	120				

Sample ID	N045004-009BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152126			
Client ID:	ZZZZZZ	Batch ID:	R152126	TestNo:	EPA 300.0			Analysis Date:	4/17/2021	SeqNo:	4176390			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		8.376		0.25	6.250	2.348		96.5	80	120	8.304	0.869	20	

Sample ID	N045001-004BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152126			
Client ID:	ZZZZZZ	Batch ID:	R152126	TestNo:	EPA 300.0			Analysis Date:	4/17/2021	SeqNo:	4176391			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		36.420		2.5							36.70	0.779	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045001
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N045001-004BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152126		
Client ID:	ZZZZZZ	Batch ID:	R152126	TestNo:	EPA 300.0			Analysis Date:	4/17/2021	SeqNo:	4176392		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		96.575		2.5	62.50	36.70	95.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CHAIN OF CUSTODY RECORD

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Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition																	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N																	
Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		LabSpec		CalTrans		1. Chilled																	
Phone: 1 916 865 3168		Fax:		P.O.#		Others		LEVEL III		2. Headspace																	
Submitted By: <i>Riggie Top</i>		Phone: 1 916 865 3168		Phone: 951.677.0577		Specify: EQ EDD		LEVEL IV		3. Container Intact																	
Title: <i>Field Tech</i>		Fax:		Fax:		Global ID:		Regulatory		4. Seal Present																	
Signature: <i>PO 4/15/21</i>		Date: 4/15/21		Signature: <i>Brian Martinez</i>		Specify State:		6. Method of Cooling:		5. IR number																	
I hereby authorize ASSET Labs to perform the tests indicated below.		Sampled By: <i>Brian Martinez</i>		Matrix		Global ID:		6. Method of Cooling:		6. Method of Cooling:																	
Project Name: PG&E Hinkley - GMP		Signature: <i>PO 4/15/21</i>		Date: 4/15/21		Ground-water		Sample Temp: <i>100°C / 12°C</i>		Courier: <i>ASSET</i>																	
Project Number: 30048045		Signature: <i>PO 4/15/21</i>		Date: 4/15/21		Potable		Tracking No.:		Remarks																	
Project Number: 30048045		Signature: <i>PO 4/15/21</i>		Date: 4/15/21		NPDES		Tracking No.:		Remarks																	
Project Number: 30048045		Signature: <i>PO 4/15/21</i>		Date: 4/15/21		Surface		Tracking No.:		Remarks																	
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (E200AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E200AFF) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E200AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (E200AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (E015B) 3x1 Liter Amber Glass, 4°C	TPH-D (E015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (E015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks		
	N045001-01	MW-100C-Q221	4/15/2021	0628		X						X												2			
	-02	DW-03-Q221	4/15/2021	1214		X	X	X	X			X	X											2	6		
	-03	MW-911-Q221	4/15/2021	1224		X	X	X	X			X	X											2	6		
	-04	MW-62A-Q221	4/15/2021	1120		X	X	X	X			X	X											2	6		
	-05	MW-924-Q221	4/15/2021	1130		X	X	X	X			X	X											2	6		
	-06	C-04-Q221	4/15/2021	1310		X						X												2			
	-07	MW-79S-Q221	4/15/2021	0827		X						X												2			
	-08	MW-87D-Q221	4/15/2021	1239		X						X												2			
	-09	MW-87S-Q221	4/15/2021	1203		X	X	X	X			X	X											2			
Relinquished by (Signature and Printed Name): <i>PO Riggie Top 4/15/21 1530</i>		Date/Time: 4/15/21 1530		Relinquished by (Signature and Printed Name): <i>DOMINGO ALVAREZ DA 4/15/21 1530</i>		Date/Time: 4/15/21 1530		Turn Around Time (TAT)		Special Instruction:																	
Relinquished by (Signature and Printed Name): <i>DOMINGO ALVAREZ DA 4/15/21 1854</i>		Date/Time: 4/15/21 1854		Relinquished by (Signature and Printed Name): <i>DOMINGO ALVAREZ DA 4/15/21 1854</i>		Date/Time: 4/15/21 1854		TAT Starts at 8 AM the following day if samples received after 3:00PM.																			
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Preservatives:		Container Type:																	
								H=HCL N=HNO3 S=H2SO4 C=4°C T=Tube V=VOA P=Pin																			
								Z=Zn(AC)2 O=NaOH T=Na2S2O3 J=Jar B=Tedlar G=Glass																			
								Others/Specify: B (NH4)2SO4/NH4OH M=Metal M=Metal C=Can																			

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on total.

5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives:
H=HCL N=HNO3 S=H2SO4 C=4°C
Z=Zn(AC)2 O=NaOH T=Na2S2O3
Others/Specify: B (NH4)2SO4/NH4OH

Container Type:
T=Tube V=VOA P=Pin
J=Jar B=Tedlar G=Glass
M=Metal M=Metal C=Can



Page 2 of 2

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[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/15/2021 Workorder: N045001
 Rep sample Temp (Deg C): 3.2/1.2 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login? Was Client notified?	Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> No <input type="checkbox"/>	NA <input type="checkbox"/> NA <input checked="" type="checkbox"/>

Comments: See client's Correspondence.

Checklist Completed By: YR

YR 4/20/2021

Reviewed By:

ABC

4/22/2021

Subject: RE: PG&E Hinkley - GMP, 30046045 (ASSET Labs No. N045001)
From: "Madsen, Laura" <Laura.Madsen@arcadis.com>
Date: 4/22/2021, 1:45 PM
To: Yoandra Rodriguez <yoandra@assetlaboratories.com>
CC: Tina Rice <Tina.Rice@critigen.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>, "rustico.aquino@assetlaboratoriesph.com" <rustico.aquino@assetlaboratoriesph.com>, "Scavo, Allison" <allison.scavo@arcadis.com>

Hi Yoandra,

It looks like BTS accidentally crossed out the Cr metals on the COC. This sample should be run **for Cr6 and Cr Metal**, which is why 2 bottles were submitted.

Thanks!
Laura

From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Sent: Thursday, April 22, 2021 2:57 PM
To: Madsen, Laura <Laura.Madsen@arcadis.com>
Cc: Tina Rice <Tina.Rice@critigen.com>; maryann.balilu@assetlaboratoriesph.com; rustico.aquino@assetlaboratoriesph.com
Subject: PG&E Hinkley - GMP, 30046045 (ASSET Labs No. N045001)

Hi Laura,

Please kindly confirm if sample 9 on the attached COC should be analyzed for Metals or not.

We received the bottle, but the test is crossed out on the COC.

--

Thanks,

Yoandra Rodriguez

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Mary Ann Balilu (maryann.balilu@assetlaboratoriesph.com)

From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Sent: Tuesday, April 20, 2021 5:12 PM
To: Tina Rice; Nancy Sibucan
Cc: Laura.Madsen@arcadis.com; maryann.balilu@assetlaboratoriesph.com;
rustico.aquino@assetlaboratoriesph.com
Subject: Re: Hinkley - Duplicate Sample - SDG N045001

Hi Tina,

Will do it.

Thanks,

On 4/20/2021 5:06 PM, Tina Rice wrote:

Hi Yoandra,

There is a duplicate sample that needs to be updated per below:

WorkOrder	ClientSampleID	New ClientSampleID	DateCollected
N045001	C-04-Q221	C-04-0421	4/15/2021 13:10

Tina

Tina Rice
Sr EDM Analyst

CRITIGEN

Tina.Rice@critigen.com

critigen.com

--

Thanks,

Yoandra Rodriguez

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ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045001

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045001-001A	MW-100C-Q221	4/15/2021 8:28:00 AM	4/29/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-001B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-002A	DW-03-Q221	4/15/2021 12:14:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-002B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-002C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-002D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045001-002E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-003A	MW-911-Q221	4/15/2021 12:24:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-003B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-003C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-003D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045001-003E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-004A	MW-62A-Q221	4/15/2021 11:20:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045001

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045001-004B	MW-62A-Q221	4/15/2021 11:20:00 AM	4/29/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-004C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-004D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045001-004E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-005A	MW-924-Q221	4/15/2021 11:30:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-005B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-005C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-005D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045001-005E			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-006A	C-04-0421	4/15/2021 1:10:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-006B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-007A	MW-79S-Q221	4/15/2021 8:27:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-007B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045001

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045001-007B	MW-79S-Q221	4/15/2021 8:27:00 AM	4/29/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-008A	MW-87D-Q221	4/15/2021 12:39:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-008B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-009A	MW-87S-Q221	4/15/2021 12:03:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-009B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-010A	MW-101D-Q221	4/15/2021 8:18:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-010B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-011A	MW-122D-Q221	4/15/2021 9:21:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-011B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-012A	MW-58-Q221	4/15/2021 10:10:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-012B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-013A	MW-923-Q221	4/15/2021 10:20:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-013B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-014A	MW-44B-Q221	4/15/2021 11:03:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-014B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045001

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045001-015A	MW-80S-Q221	4/15/2021 9:09:00 AM	4/29/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-015B			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-016A	EB-739-Q221	4/15/2021 2:10:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045001-017A	FOLDER	4/28/2021	4/29/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/29/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/29/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Brian Martinez

20-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N045001-002D / DW-03-Q221	Groundwater	4/15/2021 12:14:00 PM	32OZP	1		
N045001-003D / MW-911-Q221	Groundwater	4/15/2021 12:24:00 PM	32OZP	1		
N045001-004D / MW-62A-Q221	Groundwater	4/15/2021 11:20:00 AM	32OZP	1		
N045001-005D / MW-924-Q221	Groundwater	4/15/2021 11:30:00 AM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N45001A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

	Date/Time	Fedex #: 773494924023	Date/Time
Relinquished by: <u>YLT</u>	<u>4/20/2021 1230</u>	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

April 22, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045003

RE: PG&E Hinkley - DOM, 30046045

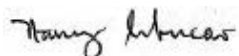
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 15, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N045003

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N045004-001DMS, N045004-001DMSD, N045004-009DMS and N045004-009DMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

ASSET Laboratories

Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N045003
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045003-001A	22-60-Q221	Groundwater	4/15/2021 9:15:00 AM	4/15/2021	4/22/2021
N045003-001B	22-60-Q221	Groundwater	4/15/2021 9:15:00 AM	4/15/2021	4/22/2021

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045003
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N045003-001

Client Sample ID: 22-60-Q221
Collection Date: 4/15/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416A	QC Batch: R152112		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.25	0.033	0.20		µg/L	1	4/16/2021 10:27 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate: 4/19/2021		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/19/2021 10:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045003
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152112	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152112
Client ID: PBW	Batch ID: R152112	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175949	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152112	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152112
Client ID: LCSW	Batch ID: R152112	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175950	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.949	0.20	5.000	0	99.0 90 110

Sample ID: N045003-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152112
Client ID: ZZZZZZ	Batch ID: R152112	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175952	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.293	0.20	1.000	0.2521	104 90 110

Sample ID: N045000-013AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152112
Client ID: ZZZZZZ	Batch ID: R152112	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175966	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	58.082	1.0	25.00	32.08	104 90 110

Sample ID: N045000-013AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152112
Client ID: ZZZZZZ	Batch ID: R152112	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175967	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	57.777	1.0	25.00	32.08	103 90 110 58.08 0.527 20

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045003
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045000-003ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152112						
Client ID: ZZZZZZ	Batch ID: R152112	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175971							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.850	0.20						4.825	0.529	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045003
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87134	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: PBW	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181297
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87134	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: LCSW	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181298
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.349 1.0 10.00 0 103 85 115

Sample ID: N045004-001DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181303
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 69.191 1.0 10.00 63.15 60.4 75 125 S

Sample ID: N045004-001DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181304
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 69.271 1.0 10.00 63.15 61.2 75 125 69.19 0.115 20 S

Sample ID: N045004-009DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181374
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 330.933 5.0 10.00 314.6 163 75 125 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045003
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: N045004-009DMSD	SampType: MSD	TestCode: 6020DIS_CrP Units: µg/L			Prep Date: 4/19/2021				RunNo: 152216		
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020		EPA 3010A		Analysis Date: 4/20/2021				SeqNo: 4181375	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	330.318	5.0	10.00	314.6	157	75	125	330.9	0.186	20	S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045003
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID: N045004-001D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181302						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	69.571	1.0	10.00	63.15	64.2	80	120				S

Sample ID: N045004-009D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181373						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	329.437	5.0	10.00	314.6	149	80	120				S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



Page 1 of 1

NO 45003

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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 885 3168 Submitted By: <i>R. S. Top</i> Title: <i>Field Tech</i> Signature: <i>R. S. Top</i> Date: <i>4/15/21</i> <i>I hereby authorize ASSET Labs to perform the tests indicated below.</i> Project Name: PG&E Hinkley - DOM Project Number: 30048045		Report to: Tonya Russi Company: Arcadis Email: <i>tonya.russi@arcadis.com</i> <i>daniel.moore@critigen.com</i> Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 885 3168 Fax: Signature: <i>R. S. Top</i> Date: <i>4/15/21</i> <i>I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be</i> Signature: <i>R. S. Top</i> Date: <i>4/15/21</i>		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Address: Email to: <i>lisa.kellogg@arcadis.com</i> P.O.# Phone: 951.677.0577 Fax: Matrix Ground-water x Sediment Potable Soil NPDES Other Solid Surface Cr(VI) (E218.6) (NH4)2, SO4, NH4, OH, 4°C; 250 ml Poly Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BD) Fe; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Anions (E300.0) SO4; 4°C; 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly TOC (SM5310) H2SO4, 4°C; 3x40 ml VOA		EDD Requirement Excel EDD Geotracker Labspec Others Specify: EQ EDD Global ID: QA/QC RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory Specify State: Sample Receipt Condition 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling: Sample Temp: <i>1.3°C</i> Courier: <i>ASSET</i> Tracking No.: Remarks													
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2, SO4, NH4, OH, 4°C; 250 ml Poly	Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6010BD) Fe; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Anions (E300.0) SO4; 4°C; 1000ml Poly	Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	TOC (SM5310) H2SO4, 4°C; 3x40 ml VOA	Turn Around Time	No. of Container	Remarks
	N045003-01	22-60-Q221	4/15/2021	0915		X	X										2		
Relinquished by (Signature and Printed Name): <i>R. S. Top</i> Date/Time: <i>4/15/21 1530</i>		Relinquished by (Signature and Printed Name): <i>R. S. Top</i> Date/Time: <i>4/15/21 1530</i>		Turn Around Time (TAT)		Special Instruction:													
Relinquished by (Signature and Printed Name): <i>R. S. Top</i> Date/Time: <i>4/15/21 1854</i>		Relinquished by (Signature and Printed Name): <i>R. S. Top</i> Date/Time: <i>4/15/21 1854</i>		TAT Starts at 8 AM the following day if samples received after 3:00PM.															
Terms 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Custom EDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for legal III Data Review. 5. Trip Blank and Equipment Blank are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Plint J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can															

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/15/2021

Workorder: N045003

Rep sample Temp (Deg C): 1.3

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/19/2021

Reviewed By: ABC 4/21/2021

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045003

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045003-001A	22-60-Q221	4/15/2021 9:15:00 AM	4/22/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045003-001B			4/22/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/22/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045003-002A	FOLDER	4/22/2021	4/22/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/22/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 30, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045004

RE: PG&E Hinkley - COMP B, 30046045

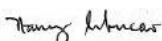
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 15, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045004

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.8 ug/L) and hexavalent chromium (1.5 ug/L) for sample N045004-006 (SC-MW-13D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank MB-R152126 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Iron in QC sample N045004-001DMS, N045004-001DMSD, N045004-009DMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045004

CASE NARRATIVE

RPD for Matrix Spike (MS) and Matrix Spike Duplicate (MSD) is outside criteria; however, the associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.8 ug/L) and hexavalent chromium (1.5 ug/L) for sample N045004-006 (SC-MW-13D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.8 and 2.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC sample N045004-001DMS, N045004-001DMSD, N045004-009DMS, and N045004-009DMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045004
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045004-001A	EX-55-Q221	Groundwater	4/15/2021 9:20:00 AM	4/15/2021	4/30/2021
N045004-001B	EX-55-Q221	Groundwater	4/15/2021 9:20:00 AM	4/15/2021	4/30/2021
N045004-001C	EX-55-Q221	Groundwater	4/15/2021 9:20:00 AM	4/15/2021	4/30/2021
N045004-001D	EX-55-Q221	Groundwater	4/15/2021 9:20:00 AM	4/15/2021	4/30/2021
N045004-002A	SC-MW-11D-Q221	Groundwater	4/15/2021 12:39:00 PM	4/15/2021	4/30/2021
N045004-002B	SC-MW-11D-Q221	Groundwater	4/15/2021 12:39:00 PM	4/15/2021	4/30/2021
N045004-002C	SC-MW-11D-Q221	Groundwater	4/15/2021 12:39:00 PM	4/15/2021	4/30/2021
N045004-002D	SC-MW-11D-Q221	Groundwater	4/15/2021 12:39:00 PM	4/15/2021	4/30/2021
N045004-003A	SC-MW-11SR-Q221	Groundwater	4/15/2021 12:03:00 PM	4/15/2021	4/30/2021
N045004-003B	SC-MW-11SR-Q221	Groundwater	4/15/2021 12:03:00 PM	4/15/2021	4/30/2021
N045004-003C	SC-MW-11SR-Q221	Groundwater	4/15/2021 12:03:00 PM	4/15/2021	4/30/2021
N045004-003D	SC-MW-11SR-Q221	Groundwater	4/15/2021 12:03:00 PM	4/15/2021	4/30/2021
N045004-004A	SC-MW-12D-Q221	Groundwater	4/15/2021 10:35:00 AM	4/15/2021	4/30/2021
N045004-004B	SC-MW-12D-Q221	Groundwater	4/15/2021 10:35:00 AM	4/15/2021	4/30/2021
N045004-004C	SC-MW-12D-Q221	Groundwater	4/15/2021 10:35:00 AM	4/15/2021	4/30/2021
N045004-004D	SC-MW-12D-Q221	Groundwater	4/15/2021 10:35:00 AM	4/15/2021	4/30/2021
N045004-005A	SC-MW-12S-Q221	Groundwater	4/15/2021 11:10:00 AM	4/15/2021	4/30/2021
N045004-005B	SC-MW-12S-Q221	Groundwater	4/15/2021 11:10:00 AM	4/15/2021	4/30/2021
N045004-005C	SC-MW-12S-Q221	Groundwater	4/15/2021 11:10:00 AM	4/15/2021	4/30/2021
N045004-005D	SC-MW-12S-Q221	Groundwater	4/15/2021 11:10:00 AM	4/15/2021	4/30/2021
N045004-006A	SC-MW-13D-Q221	Groundwater	4/15/2021 9:51:00 AM	4/15/2021	4/30/2021
N045004-006B	SC-MW-13D-Q221	Groundwater	4/15/2021 9:51:00 AM	4/15/2021	4/30/2021
N045004-006C	SC-MW-13D-Q221	Groundwater	4/15/2021 9:51:00 AM	4/15/2021	4/30/2021
N045004-006D	SC-MW-13D-Q221	Groundwater	4/15/2021 9:51:00 AM	4/15/2021	4/30/2021
N045004-007A	SC-MW-13S-Q221	Groundwater	4/15/2021 8:26:00 AM	4/15/2021	4/30/2021
N045004-007B	SC-MW-13S-Q221	Groundwater	4/15/2021 8:26:00 AM	4/15/2021	4/30/2021
N045004-007C	SC-MW-13S-Q221	Groundwater	4/15/2021 8:26:00 AM	4/15/2021	4/30/2021
N045004-007D	SC-MW-13S-Q221	Groundwater	4/15/2021 8:26:00 AM	4/15/2021	4/30/2021
N045004-007E	SC-MW-13S-Q221	Groundwater	4/15/2021 8:26:00 AM	4/15/2021	4/30/2021



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045004
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045004-007F	SC-MW-13S-Q221	Groundwater	4/15/2021 8:26:00 AM	4/15/2021	4/30/2021
N045004-008A	MW-940-Q221	Groundwater	4/15/2021 8:36:00 AM	4/15/2021	4/30/2021
N045004-008B	MW-940-Q221	Groundwater	4/15/2021 8:36:00 AM	4/15/2021	4/30/2021
N045004-008C	MW-940-Q221	Groundwater	4/15/2021 8:36:00 AM	4/15/2021	4/30/2021
N045004-008D	MW-940-Q221	Groundwater	4/15/2021 8:36:00 AM	4/15/2021	4/30/2021
N045004-008E	MW-940-Q221	Groundwater	4/15/2021 8:36:00 AM	4/15/2021	4/30/2021
N045004-008F	MW-940-Q221	Groundwater	4/15/2021 8:36:00 AM	4/15/2021	4/30/2021
N045004-009A	SA-MW-17S-Q221	Groundwater	4/15/2021 1:42:00 PM	4/15/2021	4/30/2021
N045004-009B	SA-MW-17S-Q221	Groundwater	4/15/2021 1:42:00 PM	4/15/2021	4/30/2021
N045004-009C	SA-MW-17S-Q221	Groundwater	4/15/2021 1:42:00 PM	4/15/2021	4/30/2021
N045004-009D	SA-MW-17S-Q221	Groundwater	4/15/2021 1:42:00 PM	4/15/2021	4/30/2021
N045004-010A	EB-740-Q221	Groundwater	4/15/2021 1:52:00 PM	4/15/2021	4/30/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-001

Client Sample ID: EX-55-Q221
Collection Date: 4/15/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1300	13	13	mg/L	1	4/19/2021 11:48 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-007

Client Sample ID: SC-MW-13S-Q221
Collection Date: 4/15/2021 8:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	820	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-008

Client Sample ID: MW-940-Q221
Collection Date: 4/15/2021 8:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210419B	QC Batch: 87155			PrepDate: 4/19/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	840	10	10	mg/L	1	4/19/2021 11:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-87155	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	LCSW	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179108			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		959.000		10	1000	0		95.9	80	120				

Sample ID	MB-87155	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	PBW	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179109			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N045001-002CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/19/2021	RunNo:	152162			
Client ID:	ZZZZZZ	Batch ID:	87155	TestNo:	SM2540C			Analysis Date:	4/19/2021	SeqNo:	4179114			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		4100.000		50							4040	1.47	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-007

Client Sample ID: SC-MW-13S-Q221
Collection Date: 4/15/2021 8:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	19 0.024 0.67	pCi/L	1 4/20/2021 06:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-008

Client Sample ID: MW-940-Q221
Collection Date: 4/15/2021 8:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	20 0.024 0.67	pCi/L	1 4/20/2021 06:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-87136	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286
Client ID: PBW	Batch ID: 87136	TestNo: EPA 200.8		Analysis Date: 4/20/2021	SeqNo: 4184575
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID LCS-87136	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286
Client ID: LCSW	Batch ID: 87136	TestNo: EPA 200.8		Analysis Date: 4/20/2021	SeqNo: 4184576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.377	0.67	6.700	0	110 85 115

Sample ID N045000-022E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8		Analysis Date: 4/20/2021	SeqNo: 4184582
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	37.407	0.67	6.700	30.58	102 75 125

Sample ID N045000-022E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8		Analysis Date: 4/20/2021	SeqNo: 4184583
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	37.294	0.67	6.700	30.58	100 75 125 37.41 0.302 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-001

Client Sample ID: EX-55-Q221
Collection Date: 4/15/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	66	0.33	2.0		µg/L	10	4/17/2021 04:19 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	63	0.035	1.0		µg/L	1	4/20/2021 05:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-002

Client Sample ID: SC-MW-11D-Q221
Collection Date: 4/15/2021 12:39:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/16/2021 08:35 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/19/2021 11:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-003

Client Sample ID: SC-MW-11SR-Q221
Collection Date: 4/15/2021 12:03:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	95	0.33	2.0		µg/L	10	4/16/2021 08:44 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	97	0.035	1.0		µg/L	1	4/19/2021 11:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-004

Client Sample ID: SC-MW-12D-Q221
Collection Date: 4/15/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/16/2021 08:53 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/19/2021 11:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-005

Client Sample ID: SC-MW-12S-Q221
Collection Date: 4/15/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	350	1.7	10		µg/L	50	4/16/2021 07:38 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	350	0.18	5.0		µg/L	5	4/20/2021 05:21 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-006

Client Sample ID: SC-MW-13D-Q221
Collection Date: 4/15/2021 9:51:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.033	0.20		µg/L	1	4/16/2021 09:59 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate: 4/19/2021		Analyst: CEI		
Chromium	2.8	0.035	1.0		µg/L	1	4/20/2021 12:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-007

Client Sample ID: SC-MW-13S-Q221
Collection Date: 4/15/2021 8:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416B	QC Batch: R152113		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/16/2021 10:29 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 12:14 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-008

Client Sample ID: MW-940-Q221
Collection Date: 4/15/2021 8:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210416B	QC Batch: R152113			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.033	0.20		µg/L	1	4/16/2021 11:26 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 12:20 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-009

Client Sample ID: SA-MW-17S-Q221
Collection Date: 4/15/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210416C	QC Batch: R152114		PrepDate:		Analyst: RAB		
Hexavalent Chromium	310	1.7	10		µg/L	50	4/17/2021 04:48 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	310	0.18	5.0		µg/L	5	4/20/2021 05:39 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-010

Client Sample ID: EB-740-Q221
Collection Date: 4/15/2021 1:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210416B	QC Batch: R152113	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.033	0.20
		µg/L	1
			4/16/2021 10:48 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID	LCS-R152113	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	LCSW	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175989						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.168	0.20	5.000	0	103	90	110				

Sample ID	MB-R152113	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	PBW	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175990						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID	N045004-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175995						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	601.010	10	250.0	347.7	101	90	110				

Sample ID	N045004-005AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175996						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	599.395	10	250.0	347.7	101	90	110	601.0	0.269	20	

Sample ID	N045000-021AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152113					
Client ID:	ZZZZZZ	Batch ID: R152113	TestNo: EPA 218.6	Analysis Date: 4/16/2021	SeqNo: 4175997						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	9.102	0.20	5.000	3.912	104	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


ASSET LABORATORIES
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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045000-021ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152113			
Client ID:	ZZZZZZ	Batch ID:	R152113	TestNo:	EPA 218.6			Analysis Date:	4/16/2021	SeqNo:	4175998			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		3.817		0.20							3.912	2.46	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	MB-R152114	SampType:	MBLK	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152114		
Client ID:	PBW	Batch ID:	R152114	TestNo:	EPA 218.6			Analysis Date:	4/17/2021	SeqNo:	4176026		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID	LCS-R152114	SampType:	LCS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152114			
Client ID:	LCSW	Batch ID:	R152114	TestNo:	EPA 218.6			Analysis Date:	4/17/2021	SeqNo:	4176027			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.156	0.20	5.000	0	103	90	110				
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Sample ID	N045001-010AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176030						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	9.102	0.20	5.000	3.845	105	90	110				
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Sample ID	N045001-010AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176031						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	9.140	0.20	5.000	3.845	106	90	110	9.102	0.420	20	
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Sample ID	N045001-015AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152114			
Client ID:	ZZZZZZ	Batch ID:	R152114	TestNo:	EPA 218.6			Analysis Date:	4/17/2021	SeqNo:	4176032			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.336	0.20	1.000	2.330	101	90	110				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045001-015ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176035						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.313	0.20						2.330	0.754	20	
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Sample ID	N045004-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176049						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	116.493	2.0	50.00	65.88	101	90	110				
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Sample ID	N045004-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID: ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176050							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	117.032	2.0	50.00	65.88	102	90	110	116.5	0.462	20	
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Sample ID	N045004-009AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176052						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	568.115	10	250.0	313.6	102	90	110				
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Sample ID	N045004-009AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152114					
Client ID:	ZZZZZZ	Batch ID: R152114	TestNo: EPA 218.6	Analysis Date: 4/17/2021	SeqNo: 4176053						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	563.425	10	250.0	313.6	99.9	90	110	568.1	0.829	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87134	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/19/2021	RunNo:	152216			
Client ID:	PBW	Batch ID:	87134	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4181297			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-87134	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/19/2021	RunNo:	152216			
Client ID:	LCSW	Batch ID:	87134	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4181298			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.349	1.0	10.00	0	103	85	115							
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Sample ID	N045004-001DMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	4/19/2021	RunNo:	152216			
Client ID:	ZZZZZZ	Batch ID:	87134	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	4/19/2021	SeqNo:	4181303			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	69.191	1.0	10.00	63.15	60.4	75	125							S
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Sample ID	N045004-001DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216					
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181304						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	69.271	1.0	10.00	63.15	61.2	75	125	69.19	0.115	20	S			
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Sample ID	N045004-009DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216					
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181374						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	330.933	5.0	10.00	314.6	163	75	125							S
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	N045004-009DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216					
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181375						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	330.318	5.0	10.00	314.6	157	75	125	330.9	0.186	20	S

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID	N045004-001D-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	152216
Client ID:	ZZZZZZ	Batch ID:	87134	TestNo:	EPA 6020 EPA 3010A			Analysis Date:	4/19/2021	SeqNo:	4181302
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chromium		69.571		1.0	10.00	63.15	64.2	80	120		S

Sample ID	N045004-009D-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	152216
Client ID:	ZZZZZZ	Batch ID:	87134	TestNo:	EPA 6020 EPA 3010A			Analysis Date:	4/20/2021	SeqNo:	4181373
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chromium		329.437		5.0	10.00	314.6	149	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-001

Client Sample ID: EX-55-Q221
Collection Date: 4/15/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	12 0.17	1.0	mg/L
			20 4/16/2021 06:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-002

Client Sample ID: SC-MW-11D-Q221
Collection Date: 4/15/2021 12:39:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	ND 0.0087	0.050	mg/L 1 4/16/2021 05:16 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-003

Client Sample ID: SC-MW-11SR-Q221
Collection Date: 4/15/2021 12:03:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	2.2 0.017 0.10	mg/L	2 4/16/2021 07:29 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-004

Client Sample ID: SC-MW-12D-Q221
Collection Date: 4/15/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.093	0.10	mg/L	1	4/16/2021 03:18 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.0087	0.050	mg/L	1	4/16/2021 03:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-005

Client Sample ID: SC-MW-12S-Q221
Collection Date: 4/15/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B **QC Batch:** R152126 **PrepDate:** **Analyst:** RAB
 Nitrate as N 4.5 0.044 0.25 mg/L 5 4/17/2021 03:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-006

Client Sample ID: SC-MW-13D-Q221
Collection Date: 4/15/2021 9:51:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125	PrepDate:	Analyst: RAB
Nitrate as N	0.38 0.017 0.10	mg/L	2 4/16/2021 07:44 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-007

Client Sample ID: SC-MW-13S-Q221
Collection Date: 4/15/2021 8:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/16/2021 02:03 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.044	0.25	mg/L	5	4/16/2021 02:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-008

Client Sample ID: MW-940-Q221
Collection Date: 4/15/2021 8:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/16/2021 05:01 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.044	0.25	mg/L	5	4/16/2021 05:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-009

Client Sample ID: SA-MW-17S-Q221
Collection Date: 4/15/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416A	QC Batch: R152125				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/16/2021 02:18 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B	QC Batch: R152126				PrepDate:		Analyst: RAB
Nitrate as N	2.3	0.044	0.25		mg/L	5	4/17/2021 03:38 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID	LCS-R152125_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	LCSW	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176342		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.243	0.10	1.250	0	99.4	90	110				

Sample ID	MB-R152125_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	PBW	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176343		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID	N045004-007BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176346		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	6.705	0.50	6.250	0	107	80	120				

Sample ID	N045004-007BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176347		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	6.578	0.50	6.250	0	105	80	120	6.705	1.90	20	

Sample ID	N045004-009BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176348		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.20						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID	N045004-009BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176357						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P)	2.550	0.20	2.500	0	102	80	120				
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Sample ID	N045004-009BMSD	SampType:	MSD	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152125			
Client ID:	ZZZZZZ	Batch ID:	R152125	TestNo:	EPA 300.0			Analysis Date:	4/16/2021	SeqNo:	4176358			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P)	2.549	0.20	2.500	0	102	80	120	2.550	0.0628	20	
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	LCS-R152125_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	LCSW	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176303						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.201	0.050	1.250	0	96.1	90	110				
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Sample ID	MB-R152125_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	PBW	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176304						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	ND	0.050									
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Sample ID	N045004-007BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176307						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	6.051	0.25	6.250	0.2235	93.2	80	120				
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Sample ID	N045004-007BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176308						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	6.051	0.25	6.250	0.2235	93.2	80	120	6.050	0.00826	20	
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Sample ID	N045004-001BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152125					
Client ID:	ZZZZZZ	Batch ID: R152125	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176327						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	36.158	1.0	25.00	12.32	95.4	80	120				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N045004-001BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152125		
Client ID: ZZZZZZ	Batch ID: R152125		TestNo: EPA 300.0		Analysis Date: 4/16/2021				SeqNo: 4176335		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	36.376	1.0	25.00	12.32	96.2	80	120	36.16	0.601	20	

Sample ID	N045004-008BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152125	
Client ID:	ZZZZZZ	Batch ID:	R152125	TestNo:	EPA 300.0			Analysis Date:	4/16/2021	SeqNo:	4176336	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		6.071	0.25	6.250	0.2390	93.3	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	LCS-R152126_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	LCSW	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176369						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.257 0.050 1.250 0 101 90 110

Sample ID	MB-R152126_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	PBW	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/16/2021	SeqNo: 4176370						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 0.038 0.050

Sample ID	N045004-009BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/17/2021	SeqNo: 4176389						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 8.304 0.25 6.250 2.348 95.3 80 120

Sample ID	N045004-009BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/17/2021	SeqNo: 4176390						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 8.376 0.25 6.250 2.348 96.5 80 120 8.304 0.869 20

Sample ID	N045001-004BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152126					
Client ID:	ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/17/2021	SeqNo: 4176391						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 36.420 2.5 36.70 0.779 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N045001-004BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152126	
Client ID:	ZZZZZZ	Batch ID:	R152126	TestNo:	EPA 300.0			Analysis Date:	4/17/2021	SeqNo:	4176392	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		96.575	2.5	62.50	36.70	95.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-002

Client Sample ID: SC-MW-11D-Q221
Collection Date: 4/15/2021 12:39:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/19/2021 03:33 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-003

Client Sample ID: SC-MW-11SR-Q221
Collection Date: 4/15/2021 12:03:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/19/2021 03:49 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-004

Client Sample ID: SC-MW-12D-Q221
Collection Date: 4/15/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/19/2021 04:04 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-005

Client Sample ID: SC-MW-12S-Q221
Collection Date: 4/15/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/19/2021 04:50 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-006

Client Sample ID: SC-MW-13D-Q221
Collection Date: 4/15/2021 9:51:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
SM 5310C							
RunID: TOC2_210419A	QC Batch: R152147		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/19/2021 05:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-007

Client Sample ID: SC-MW-13S-Q221
Collection Date: 4/15/2021 8:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/19/2021 05:21 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-008

Client Sample ID: MW-940-Q221
Collection Date: 4/15/2021 8:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/19/2021 05:36 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-009

Client Sample ID: SA-MW-17S-Q221
Collection Date: 4/15/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/19/2021 02:47 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID MB-R152147	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152147
Client ID: PBW	Batch ID: R152147	TestNo: SM 5310C		Analysis Date: 4/19/2021	SeqNo: 4178101
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID LCS-R152147	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152147
Client ID: LCSW	Batch ID: R152147	TestNo: SM 5310C		Analysis Date: 4/19/2021	SeqNo: 4178102
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.043	1.0	5.000	0	101 85 115

Sample ID N045004-009CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152147
Client ID: ZZZZZZ	Batch ID: R152147	TestNo: SM 5310C		Analysis Date: 4/19/2021	SeqNo: 4178104
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.825	1.0	5.000	0.3527	89.4 75 125

Sample ID N045004-009CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152147
Client ID: ZZZZZZ	Batch ID: R152147	TestNo: SM 5310C		Analysis Date: 4/19/2021	SeqNo: 4178105
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.905	1.0	5.000	0.3527	91.0 75 125 4.825 1.64 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ANALYTICAL QUALITY SERVICES FOR ENVIRONMENTAL, INDUSTRIAL, AND FOODS

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-001

Client Sample ID: EX-55-Q221
Collection Date: 4/15/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	30	18	20		ug/L	1	4/20/2021 02:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-002

Client Sample ID: SC-MW-11D-Q221
Collection Date: 4/15/2021 12:39:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	230	18	20		ug/L	1	4/20/2021 03:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-003

Client Sample ID: SC-MW-11SR-Q221
Collection Date: 4/15/2021 12:03:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	150	18	20		ug/L	1	4/20/2021 03:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-004

Client Sample ID: SC-MW-12D-Q221
Collection Date: 4/15/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	250	18	20		ug/L	1	4/20/2021 03:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-005

Client Sample ID: SC-MW-12S-Q221
Collection Date: 4/15/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 03:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-006

Client Sample ID: SC-MW-13D-Q221
Collection Date: 4/15/2021 9:51:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	70	18	20		ug/L	1	4/20/2021 04:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-007

Client Sample ID: SC-MW-13S-Q221
Collection Date: 4/15/2021 8:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	100	18	20		ug/L	1	4/20/2021 04:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-008

Client Sample ID: MW-940-Q221
Collection Date: 4/15/2021 8:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	92	18	20		ug/L	1	4/20/2021 04:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-009

Client Sample ID: SA-MW-17S-Q221
Collection Date: 4/15/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	63	18	20		ug/L	1	4/20/2021 02:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID MB-87147	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: PBW	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179646
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID LCS-87147	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: LCSW	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179647
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	86.295	20	100.0	0	86.3 85 115

Sample ID N045004-001DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179651
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	174.573	20	100.0	29.88	145 75 125 S

Sample ID N045004-001DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179656
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	288.657	20	100.0	29.88	259 75 125 174.6 49.3 20 SR

Sample ID N045004-009DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179660
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	176.669	20	100.0	62.50	114 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID	N045004-009DMSD	SampType:	MSD	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:	4/19/2021	RunNo:	152173		
Client ID:	ZZZZZZ	Batch ID:	87147	TestNo:	EPA 6010B	EPA 3010A		Analysis Date:	4/20/2021	SeqNo:	4179661		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron		257.943		20	100.0	62.50	195	75	125	176.7	37.4	20	SR

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID	N045004-001D-PS	SampType:	PS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:		RunNo:	152173
Client ID:	ZZZZZZ	Batch ID:	87147	TestNo:	EPA 6010B EPA 3010A			Analysis Date:	4/20/2021	SeqNo:	4179650
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Iron		209.148		20	100.0	29.88	179	80	120		S

Sample ID	N045004-009D-PS	SampType:	PS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:		RunNo:	152173
Client ID:	ZZZZZZ	Batch ID:	87147	TestNo:	EPA 6010B EPA 3010A			Analysis Date:	4/20/2021	SeqNo:	4179659
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Iron		197.349		20	100.0	62.50	135	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-001

Client Sample ID: EX-55-Q221
Collection Date: 4/15/2021 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	1.1	0.050	0.10	µg/L	4/20/2021 05:10 AM
Manganese	ND	0.026	0.50	µg/L	4/20/2021 05:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-002

Client Sample ID: SC-MW-11D-Q221
Collection Date: 4/15/2021 12:39:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	1.4	0.050	0.10		µg/L	1	4/19/2021 11:33 PM
Manganese	110	0.026	0.50		µg/L	1	4/19/2021 11:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-003

Client Sample ID: SC-MW-11SR-Q221
Collection Date: 4/15/2021 12:03:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	0.77	0.050	0.10	µg/L	4/19/2021 11:51 PM
Manganese	6.0	0.026	0.50	µg/L	4/19/2021 11:51 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-004

Client Sample ID: SC-MW-12D-Q221
Collection Date: 4/15/2021 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	0.50	0.050	0.10	µg/L	4/19/2021 11:57 PM
Manganese	160	0.026	0.50	µg/L	4/19/2021 11:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-005

Client Sample ID: SC-MW-12S-Q221
Collection Date: 4/15/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	3.4	0.050	0.10		µg/L	1	4/20/2021 12:02 AM
Manganese	2.0	0.026	0.50		µg/L	1	4/20/2021 12:02 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-006

Client Sample ID: SC-MW-13D-Q221
Collection Date: 4/15/2021 9:51:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	5.5	0.050	0.10		µg/L	1	4/20/2021 12:08 AM
Manganese	3.5	0.026	0.50		µg/L	1	4/20/2021 12:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-007

Client Sample ID: SC-MW-13S-Q221
Collection Date: 4/15/2021 8:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	4.0	0.050	0.10		µg/L	1	4/20/2021 12:14 AM
Manganese	220	0.13	2.5		µg/L	5	4/20/2021 05:27 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-008

Client Sample ID: MW-940-Q221
Collection Date: 4/15/2021 8:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	3.5	0.050	0.10		µg/L	1	4/20/2021 12:20 AM
Manganese	190	0.13	2.5		µg/L	5	4/20/2021 05:33 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045004
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045004-009

Client Sample ID: SA-MW-17S-Q221
Collection Date: 4/15/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	3.1	0.050	0.10	µg/L	4/20/2021 12:26 AM
Manganese	1.5	0.026	0.50	µg/L	4/20/2021 12:26 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID MB-87134	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: PBW	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181411
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID LCS-87134	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: LCSW	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181412
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.386	0.10	10.00	0	104 85 115
Manganese	103.739	0.50	100.0	0	104 85 115

Sample ID N045004-001DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181417
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.201	0.10	10.00	1.081	101 75 125
Manganese	95.331	0.50	100.0	0	95.3 75 125

Sample ID N045004-001DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181418
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.182	0.10	10.00	1.081	101 75 125 11.20 0.168 20
Manganese	95.391	0.50	100.0	0	95.4 75 125 95.33 0.0629 20

Sample ID N045004-009DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181431
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045004
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID	N045004-009DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216					
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181431						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	12.923	0.10	10.00	3.070	98.5	75	125				
Manganese	98.974	0.50	100.0	1.492	97.5	75	125				

Sample ID	N045004-009DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216					
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181434						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	13.498	0.10	10.00	3.070	104	75	125	12.92	4.36	20	
Manganese	98.352	0.50	100.0	1.492	96.9	75	125	98.97	0.631	20	

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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Page

1 of 1

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520										EDD Requirement		QA/QC		Sample Receipt Condition											
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: tonya.russi@arcadis.com daniel.moyre@criticall.com		Email to: lisa.kellogg@arcadis.com		P.O.# PENDING		Excel EDD										RTNE		1. Chilled							
Phone: 1 916 865 3188		Fax:		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Phone: 951.677.0577		Fax:		Labspec										CalTrans		2. Headspace									
Submitted By: Brian Martinez		Phone: 1 916 865 3188		Fax:		Title: Field Tech		Signature: [Signature]		Date: 4/15/21		Others										LEVEL III		3. Container Intact							
I hereby authorize ASSET Labs to perform the tests indicated below.		Signature: [Signature]		Date: 4/15/21		Signature: [Signature]		Date: 4/15/21		Specify:										EQ EDD		LEVEL IV		4. Seal Present							
Project Name: PG&E Hinkley - COMP B		Project Number: 30046045		Signature: [Signature]		Date: 4/15/21		Signature: [Signature]		Date: 4/15/21		Global ID:										Regulatory		5. IR number							
Matrix		Ground-water		x Sediment		Potable		Soil		NPDES		Other Solid		Surface		Specify State:										6. Method of Cooling:					
Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly		Anions (E300.0) NO3N, 4°C, 1000ml Poly		Ortho-Phosphate (E300.0), 4°C, 1000ml Poly		Anions (E300.0) SO4, 4°C, 1000ml Poly		TDS (SM2540C), 4°C, 1000ml Poly		Gross Alpha (E800), HNO3, 2x1000ml Poly		Gross Beta (E900), HNO3, 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C, 3X40 ml VOA		Metals Dissolved (6020AFF) As, HNO3, 4°C, 500 ml Poly		Metals Dissolved (6010BDA) Fe, HNO3, 4°C, 500 ml Poly		Metals Dissolved (6020AFF) Mn, HNO3, 4°C, 500 ml Poly		Metals Dissolved (6020AFF) Cr, HNO3, 4°C, 500 ml Poly		Uranium (E200.8FF) HNO3, 4°C, 500 ml Poly		Endline, Fluorescein, 4°C (blue ice), 50ml Centrifuge tube		Turn Around Time (TAT)		Special Instruction:	
Item No.	Laboratory Work Order No.	Sample ID/Location		Sample Date	Sample Time	Others	Cr(VI) (E218.6)	Anions (E300.0)	Ortho-Phosphate (E300.0)	Anions (E300.0)	TDS (SM2540C)	Gross Alpha (E800)	Gross Beta (E900)	TOC (SM5310)	Metals Dissolved (6020AFF)	Metals Dissolved (6010BDA)	Metals Dissolved (6020AFF)	Metals Dissolved (6020AFF)	Uranium (E200.8FF)	Endline, Fluorescein	Turn Around Time (TAT)	Special Instruction:									
N045004-01	EX-55-Q221	4/15/21	0820		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4	MSMSD									
-02	SC-MW-11D-Q221		1239		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6										
-03	SC-MW-11SR-Q221		1203		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6										
-04	SC-MW-12D-Q221		1035		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6										
-05	SC-MW-12S-Q221		1110		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6										
-06	SC-MW-13D-Q221		0851		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6										
-07	SC-MW-13S-Q221		0826		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6										
-08	MW-940-Q221		0836		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6										
-09	SA-MW-17S-Q221		1342		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	9	MSMSD									
-10	EB-740-Q221		1352		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1										
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1530		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1530		Turn Around Time (TAT)										Special Instruction:													
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		A < 24 Hrs or Same Day TAT										Special Instruction:													
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		B = Next Workday										Special Instruction:													
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		C = 2 Workdays										Special Instruction:													
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		D = 3 Workdays										Special Instruction:													
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/15/21 1800		E = Routine 5-7 Workdays										Special Instruction:													
TAT Starts at 8 AM the following day if samples received after 3:00PM.		Preservatives:		Container Type:		H=HCL		N=HNO3		S=H2SO4		C=4°C		T=Tube		V=VOA		P=Print													
Z=Zn(AC)2		O=NaOH		T=Na2S2O3		J=Jar		B=Tedlar		G=Glass		M=Metal		M=Metal		C=Can															
Others/Specify: B (NH4)2SO4/NH4OH		M=Metal		M=Metal		C=Can																									

1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 25%
3. Custom EDD formats will be an additional 3% of the total project price.

5. Trip Blank and Equipment Blank are billable samples.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Turnaround time 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For sub-contract analysis, TAT and Surcharges will vary.

Container Type:
H=HCL N=HNO3 S=H2SO4 C=4°C T=Tube V=VOA P=Print
Z=Zn(AC)2 O=NaOH T=Na2S2O3 J=Jar B=Tedlar G=Glass
M=Metal M=Metal C=Can

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/15/2021 Workorder: N045004

Rep sample Temp (Deg C): 3.4/1.2 IR Gun ID: 2

Temp Blank: ☐ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA Packing Material Used:

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR *YR* 4/20/2021

Reviewed By: *ABC* 4/22/2021

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045004

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045004-001A	EX-55-Q221	4/15/2021 9:20:00 AM	4/29/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045004-001B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045004-001C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045004-001D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045004-002A	SC-MW-11D-Q221	4/15/2021 12:39:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-002B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-002C			4/29/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045004-002D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-003A	SC-MW-11SR-Q221	4/15/2021 12:03:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-003B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-003C			4/29/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045004-003D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045004

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045004-003D	SC-MW-11SR-Q221	4/15/2021 12:03:00 PM	4/29/2021	Groundwater	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-004A	SC-MW-12D-Q221	4/15/2021 10:35:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-004B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-004C			4/29/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045004-004D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-005A	SC-MW-12S-Q221	4/15/2021 11:10:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-005B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-005C			4/29/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045004-005D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-006A	SC-MW-13D-Q221	4/15/2021 9:51:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-006B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

16-Apr-21

WorkOrder: N045004

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045004-006C	SC-MW-13D-Q221	4/15/2021 9:51:00 AM	4/29/2021	Groundwater	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045004-006D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-007A	SC-MW-13S-Q221	4/15/2021 8:26:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-007B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-007C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-007D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045004-007E			4/29/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045004-007F			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-008A	MW-940-Q221	4/15/2021 8:36:00 AM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-008B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

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WORK ORDER Summary

16-Apr-21

WorkOrder: N045004

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/15/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045004-008B	MW-940-Q221	4/15/2021 8:36:00 AM	4/29/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-008C			4/29/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-008D			4/29/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045004-008E			4/29/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045004-008F			4/29/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045004-009A	SA-MW-17S-Q221	4/15/2021 1:42:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045004-009B			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045004-009C			4/29/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VW
N045004-009D			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/29/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045004-010A	EB-740-Q221	4/15/2021 1:52:00 PM	4/29/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

WORK ORDER Summary

16-Apr-21

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

Comments:

QC Level: Level IV

WorkOrder: N045004

Date Received: 4/15/2021

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045004-011A	FOLDER	4/28/2021	4/29/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/29/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV

Subcontractor:

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Riggie Tep

20-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N045004-007D / SC-MW-13S-Q221	Groundwater	4/15/2021 8:26:00 AM	32OZP	1		
N045004-008D / MW-940-Q221	Groundwater	4/15/2021 8:36:00 AM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N45004A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773494923932

	Date/Time		Date/Time
Relinquished by: <u>YRT</u>	4/20/2021 1230	Received by: _____	
Relinquished by: _____		Received by: _____	

April 30, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045019

RE: PG&E Hinkley - GMP, 30046045

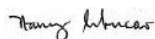
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 16, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045019

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.8 ug/L) for sample N045019-003 (BW-01D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.5 ug/L) and hexavalent chromium (1.5 ug/L) for sample N045019-005 (MW-52-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.8 ug/L) for sample N045019-003 (BW-01D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.8 and 2.4 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.5 ug/L) and hexavalent chromium (1.5 ug/L) for sample N045019-005 (MW-52-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.5 and 2.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC sample N045004-001DMS, N045004-001DMSD, N045004-009DMS, and N045004-009DMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045019

CASE NARRATIVE

Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - GMP, 30046045

Lab Order: N045019

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045019-001A	MW-218D-Q221	Groundwater	4/16/2021 8:14:00 AM	4/16/2021	4/30/2021
N045019-001B	MW-218D-Q221	Groundwater	4/16/2021 8:14:00 AM	4/16/2021	4/30/2021
N045019-002A	MW-218S-Q221	Groundwater	4/16/2021 8:52:00 AM	4/16/2021	4/30/2021
N045019-002B	MW-218S-Q221	Groundwater	4/16/2021 8:52:00 AM	4/16/2021	4/30/2021
N045019-003A	BW-01D-Q221	Groundwater	4/16/2021 8:14:00 AM	4/16/2021	4/30/2021
N045019-003B	BW-01D-Q221	Groundwater	4/16/2021 8:14:00 AM	4/16/2021	4/30/2021
N045019-004A	BW-01S-Q221	Groundwater	4/16/2021 8:41:00 AM	4/16/2021	4/30/2021
N045019-004B	BW-01S-Q221	Groundwater	4/16/2021 8:41:00 AM	4/16/2021	4/30/2021
N045019-005A	MW-52-Q221	Groundwater	4/16/2021 9:36:00 AM	4/16/2021	4/30/2021
N045019-005B	MW-52-Q221	Groundwater	4/16/2021 9:36:00 AM	4/16/2021	4/30/2021
N045019-006A	EB-744-Q221	Groundwater	4/16/2021 11:15:00 AM	4/16/2021	4/30/2021

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045019
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045019-001

Client Sample ID: MW-218D-Q221
Collection Date: 4/16/2021 8:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.42	0.025	0.20		µg/L	1	4/19/2021 11:01 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 01:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
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 ELAP Cert 2676 | NV Cert NV00922
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"Serving Clients with Passion and Professionalism"

ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045019
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045019-002

Client Sample ID: MW-218S-Q221
Collection Date: 4/16/2021 8:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.2	0.025	0.20		µg/L	1	4/19/2021 11:12 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	1.2	0.035	1.0		µg/L	1	4/20/2021 01:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045019
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045019-003

Client Sample ID: BW-01D-Q221
Collection Date: 4/16/2021 8:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.8	0.025	0.20		µg/L	1	4/19/2021 11:21 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		4/19/2021	Analyst: CEI	
Chromium	2.7	0.035	1.0		µg/L	1	4/20/2021 01:19 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045019
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045019-004

Client Sample ID: BW-01S-Q221
Collection Date: 4/16/2021 8:41:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.2	0.025	0.20		µg/L	1	4/19/2021 11:31 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		4/19/2021	Analyst: CEI	
Chromium	1.9	0.035	1.0		µg/L	1	4/20/2021 01:25 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045019
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045019-005

Client Sample ID: MW-52-Q221
Collection Date: 4/16/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.5	0.025	0.20		µg/L	1	4/19/2021 02:49 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		Analyst: CEI		
Chromium	2.5	0.035	1.0		µg/L	1	4/20/2021 01:31 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 30-Apr-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045019
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045019-006

Client Sample ID: EB-744-Q221
Collection Date: 4/16/2021 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210419A	QC Batch: R152158	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/19/2021 11:50 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045019
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R152158	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: PBW	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178922
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R152158	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: LCSW	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178923
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.939	0.20	5.000	0	98.8 90 110

Sample ID N045019-005ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZ	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178947
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.448	0.20			1.486 2.61 20

Sample ID N045020-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZ	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178949
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	143.415	2.0	50.00	90.99	105 90 110

Sample ID N045020-007AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZ	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178950
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	142.462	2.0	50.00	90.99	103 90 110 143.4 0.667 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045019
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045000-022AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152158			
Client ID:	ZZZZZZ	Batch ID:	R152158	TestNo:	EPA 218.6			Analysis Date:	4/19/2021	SeqNo:	4178951			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		145.978		2.0	50.00	93.90		104	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



ASSET LABORATORIES

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045019
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID MB-87134	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: PBW	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4181297
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID LCS-87134	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: LCSW	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4181298
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.349 1.0 10.00 0 103 85 115

Sample ID N045004-001DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4181303
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 69.191 1.0 10.00 63.15 60.4 75 125 S

Sample ID N045004-001DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4181304
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 69.271 1.0 10.00 63.15 61.2 75 125 69.19 0.115 20 S

Sample ID N045004-009DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4181374
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 330.933 5.0 10.00 314.6 163 75 125 S

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045019
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	N045004-009DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216					
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181375						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	330.318	5.0	10.00	314.6	157	75	125	330.9	0.186	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045019
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID	N045004-001D-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	152216
Client ID:	ZZZZZZ	Batch ID:	87134	TestNo:	EPA 6020 EPA 3010A			Analysis Date:	4/19/2021	SeqNo:	4181302
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chromium		69.571		1.0	10.00	63.15	64.2	80	120		S

Sample ID	N045004-009D-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	152216
Client ID:	ZZZZZZ	Batch ID:	87134	TestNo:	EPA 6020 EPA 3010A			Analysis Date:	4/20/2021	SeqNo:	4181373
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chromium		329.437		5.0	10.00	314.6	149	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ARCUS02 C: 4/30/2021 12:00 AM
FOLDER R: 4/16/2021
N045019-007A 1 of 1



Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Submitted By: Riggie Tee Title: Field Tech Signature: [Signature] Date: 4/16/21 <small>I hereby authorize ASSET Labs to perform the tests indicated below.</small>		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3188 Signature: [Signature] Date: 4/16/21		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Address: [Blank] Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577 P.O.#: [Blank]		EDD Requirement: Excel EDD Geotracker Labspec Others Specify: EQ EDD Global ID: [Blank]		QA/QC: RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory Specify State: [Blank]		Sample Receipt Condition: 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling: ICE Sample Temp: 1.8 Courier: [Blank] Tracking No.: [Blank]	
Project Name: PG&E Hinkley - GMP Project Number: 30046045		Signature: [Signature] Date: 4/16/21		Ground-water x Sediment Potable NPDES Surface		Matrix: Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly Antons (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E800); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As, HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDIs) Fe, HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Antons (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time (TAT): A < 24 Hrs or Same Day TAT B Next Workday C = 2 Workdays D = 3 Workdays E Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction: [Blank]	
Item No. Laboratory Work Order No. Sample ID/Location		Sample Date Sample Time Others		Remarks		Turn Around Time No. of Container		Remarks			
N045019-01		MW-218D-Q221 -		4/16/2021 0814		X					
-02		MW-218S-Q221 -		4/16/2021 0852		X					
-03		BW-01D-Q221 -		4/16/2021 0814		X					
-04		BW-01S-Q221 -		4/16/2021 0841		X					
-05		MW-52-Q221 -		4/16/2021 0936		X					
-06		EB-744-Q221 -		4/16/2021 1115		X					
Relinquished by (Signature and Printed Name): [Signature] Riggie Tee 4/16/21 1148		Date/Time: 4/16/21 1148		Relinquished by (Signature and Printed Name): [Signature] 4/16/21 1148		Date/Time: 4/16/21 1148					
Relinquished by (Signature and Printed Name): [Signature] 4/16/21 1640		Date/Time: 4/16/21 1640		Relinquished by (Signature and Printed Name): [Signature] 4/16/21 1640		Date/Time: 4/16/21 1640					
Relinquished by (Signature and Printed Name): [Signature]		Date/Time:		Relinquished by (Signature and Printed Name): [Signature]		Date/Time:					
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs >200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20% 3. Custom EDD format will be an additional 5% of the total project price. 4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages, surcharges applied on total.		5. Trip Blanks and Equipment Blanks are billable samples. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analyses, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=NH42S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pin J=Jer B=Tedlar G=Glass M=Metal M=Metal C=Can					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/16/2021

Workorder: N045019

Rep sample Temp (Deg C): 1.8

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/19/2021

Reviewed By: ABC 4/22/2021

ASSET Laboratories

WORK ORDER Summary

19-Apr-21

WorkOrder: N045019

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045019-001A	MW-218D-Q221	4/16/2021 8:14:00 AM	4/30/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-001B			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-002A	MW-218S-Q221	4/16/2021 8:52:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-002B			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-003A	BW-01D-Q221	4/16/2021 8:14:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-003B			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-004A	BW-01S-Q221	4/16/2021 8:41:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-004B			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-005A	MW-52-Q221	4/16/2021 9:36:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-005B			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-006A	EB-744-Q221	4/16/2021 11:15:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045019-007A	FOLDER	4/30/2021	4/30/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/30/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/30/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 03, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045020

RE: PG&E Hinkley - COMP B, 30046045

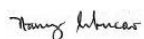
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 16, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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3151 W. Post Rd., Las Vegas, NV 89118
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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045020

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 200.8_Dissolved:

Matrix Spike (MS) is outside recovery criteria in QC sample N045020-021F-MS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.7 ug/L) and hexavalent chromium (0 ug/L) for sample N045020-006 (SA-AW-02-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.2 ug/L) and hexavalent chromium (0 ug/L) for sample N045020-010 (SC-MW-42D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (21 ug/L) and hexavalent chromium (16 ug/L) for sample N045020-018 (MW-178D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (20 ug/L) and hexavalent chromium (16 ug/L) for



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045020

CASE NARRATIVE

sample N045020-019 (MW-929-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank MB-R152126 has detect greater than 1/2 the reporting limit for Nitrate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery and RPD criteria for Iron in QC sample N045004-001DMS, N045004-001DMSD, N045004-009DMSD and N045020-022DMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.7 ug/L) and hexavalent chromium (0 ug/L) for sample N045020-006 (SA-AW-02-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.9 and 1.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.2 ug/L) and hexavalent chromium (0 ug/L) for sample N045020-010 (SC-MW-42D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.2 and 1.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (21 ug/L) and hexavalent chromium (16 ug/L) for sample N045020-018 (MW-178D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 21 and 19 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (20 ug/L) and hexavalent chromium (16 ug/L) for



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045020

CASE NARRATIVE

sample N045020-019 (MW-929-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 21 and 18 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC sample N045004-001DMS, N045004-001DMSD, N045004-009DMS, and N045004-009DMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045020
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045020-001A	MW-73D-Q221	Groundwater	4/16/2021 10:18:00 AM	4/16/2021	5/3/2021
N045020-001B	MW-73D-Q221	Groundwater	4/16/2021 10:18:00 AM	4/16/2021	5/3/2021
N045020-001C	MW-73D-Q221	Groundwater	4/16/2021 10:18:00 AM	4/16/2021	5/3/2021
N045020-001D	MW-73D-Q221	Groundwater	4/16/2021 10:18:00 AM	4/16/2021	5/3/2021
N045020-002A	MW-73S-Q221	Groundwater	4/16/2021 10:52:00 AM	4/16/2021	5/3/2021
N045020-002B	MW-73S-Q221	Groundwater	4/16/2021 10:52:00 AM	4/16/2021	5/3/2021
N045020-002C	MW-73S-Q221	Groundwater	4/16/2021 10:52:00 AM	4/16/2021	5/3/2021
N045020-002D	MW-73S-Q221	Groundwater	4/16/2021 10:52:00 AM	4/16/2021	5/3/2021
N045020-003A	MW-51-Q221	Groundwater	4/16/2021 10:49:00 AM	4/16/2021	5/3/2021
N045020-003B	MW-51-Q221	Groundwater	4/16/2021 10:49:00 AM	4/16/2021	5/3/2021
N045020-003C	MW-51-Q221	Groundwater	4/16/2021 10:49:00 AM	4/16/2021	5/3/2021
N045020-003D	MW-51-Q221	Groundwater	4/16/2021 10:49:00 AM	4/16/2021	5/3/2021
N045020-004A	SA-MW-41-Q221	Groundwater	4/16/2021 10:10:00 AM	4/16/2021	5/3/2021
N045020-004B	SA-MW-41-Q221	Groundwater	4/16/2021 10:10:00 AM	4/16/2021	5/3/2021
N045020-004C	SA-MW-41-Q221	Groundwater	4/16/2021 10:10:00 AM	4/16/2021	5/3/2021
N045020-004D	SA-MW-41-Q221	Groundwater	4/16/2021 10:10:00 AM	4/16/2021	5/3/2021
N045020-005A	SA-AW-01-Q221	Groundwater	4/16/2021 8:08:00 AM	4/16/2021	5/3/2021
N045020-005B	SA-AW-01-Q221	Groundwater	4/16/2021 8:08:00 AM	4/16/2021	5/3/2021
N045020-005C	SA-AW-01-Q221	Groundwater	4/16/2021 8:08:00 AM	4/16/2021	5/3/2021
N045020-006A	SA-AW-02-Q221	Groundwater	4/16/2021 9:30:00 AM	4/16/2021	5/3/2021
N045020-006B	SA-AW-02-Q221	Groundwater	4/16/2021 9:30:00 AM	4/16/2021	5/3/2021
N045020-006C	SA-AW-02-Q221	Groundwater	4/16/2021 9:30:00 AM	4/16/2021	5/3/2021
N045020-007A	PT1-MW-04-Q221	Groundwater	4/16/2021 8:48:00 AM	4/16/2021	5/3/2021
N045020-007B	PT1-MW-04-Q221	Groundwater	4/16/2021 8:48:00 AM	4/16/2021	5/3/2021
N045020-007C	PT1-MW-04-Q221	Groundwater	4/16/2021 8:48:00 AM	4/16/2021	5/3/2021
N045020-007D	PT1-MW-04-Q221	Groundwater	4/16/2021 8:48:00 AM	4/16/2021	5/3/2021
N045020-008A	MW-74D-Q221	Groundwater	4/16/2021 10:37:00 AM	4/16/2021	5/3/2021
N045020-008B	MW-74D-Q221	Groundwater	4/16/2021 10:37:00 AM	4/16/2021	5/3/2021
N045020-008C	MW-74D-Q221	Groundwater	4/16/2021 10:37:00 AM	4/16/2021	5/3/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045020
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045020-008D	MW-74D-Q221	Groundwater	4/16/2021 10:37:00 AM	4/16/2021	5/3/2021
N045020-009A	MW-74D2-Q221	Groundwater	4/16/2021 10:01:00 AM	4/16/2021	5/3/2021
N045020-009B	MW-74D2-Q221	Groundwater	4/16/2021 10:01:00 AM	4/16/2021	5/3/2021
N045020-009C	MW-74D2-Q221	Groundwater	4/16/2021 10:01:00 AM	4/16/2021	5/3/2021
N045020-009D	MW-74D2-Q221	Groundwater	4/16/2021 10:01:00 AM	4/16/2021	5/3/2021
N045020-010A	SC-MW-42D-Q221	Groundwater	4/16/2021 8:44:00 AM	4/16/2021	5/3/2021
N045020-010B	SC-MW-42D-Q221	Groundwater	4/16/2021 8:44:00 AM	4/16/2021	5/3/2021
N045020-010C	SC-MW-42D-Q221	Groundwater	4/16/2021 8:44:00 AM	4/16/2021	5/3/2021
N045020-010D	SC-MW-42D-Q221	Groundwater	4/16/2021 8:44:00 AM	4/16/2021	5/3/2021
N045020-011A	SC-MW-42S-Q221	Groundwater	4/16/2021 8:12:00 AM	4/16/2021	5/3/2021
N045020-011B	SC-MW-42S-Q221	Groundwater	4/16/2021 8:12:00 AM	4/16/2021	5/3/2021
N045020-011C	SC-MW-42S-Q221	Groundwater	4/16/2021 8:12:00 AM	4/16/2021	5/3/2021
N045020-011D	SC-MW-42S-Q221	Groundwater	4/16/2021 8:12:00 AM	4/16/2021	5/3/2021
N045020-012A	SC-MW-43S-Q221	Groundwater	4/16/2021 9:21:00 AM	4/16/2021	5/3/2021
N045020-012B	SC-MW-43S-Q221	Groundwater	4/16/2021 9:21:00 AM	4/16/2021	5/3/2021
N045020-012C	SC-MW-43S-Q221	Groundwater	4/16/2021 9:21:00 AM	4/16/2021	5/3/2021
N045020-012D	SC-MW-43S-Q221	Groundwater	4/16/2021 9:21:00 AM	4/16/2021	5/3/2021
N045020-013A	MW-155D-Q221	Groundwater	4/16/2021 10:09:00 AM	4/16/2021	5/3/2021
N045020-013B	MW-155D-Q221	Groundwater	4/16/2021 10:09:00 AM	4/16/2021	5/3/2021
N045020-013C	MW-155D-Q221	Groundwater	4/16/2021 10:09:00 AM	4/16/2021	5/3/2021
N045020-013D	MW-155D-Q221	Groundwater	4/16/2021 10:09:00 AM	4/16/2021	5/3/2021
N045020-014A	MW-155S-Q221	Groundwater	4/16/2021 10:43:00 AM	4/16/2021	5/3/2021
N045020-014B	MW-155S-Q221	Groundwater	4/16/2021 10:43:00 AM	4/16/2021	5/3/2021
N045020-014C	MW-155S-Q221	Groundwater	4/16/2021 10:43:00 AM	4/16/2021	5/3/2021
N045020-014D	MW-155S-Q221	Groundwater	4/16/2021 10:43:00 AM	4/16/2021	5/3/2021
N045020-015A	MW-36-Q221	Groundwater	4/16/2021 9:23:00 AM	4/16/2021	5/3/2021
N045020-015B	MW-36-Q221	Groundwater	4/16/2021 9:23:00 AM	4/16/2021	5/3/2021
N045020-015C	MW-36-Q221	Groundwater	4/16/2021 9:23:00 AM	4/16/2021	5/3/2021
N045020-015D	MW-36-Q221	Groundwater	4/16/2021 9:23:00 AM	4/16/2021	5/3/2021
N045020-016A	MW-177D-Q221	Groundwater	4/16/2021 8:47:00 AM	4/16/2021	5/3/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045020
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045020-016B	MW-177D-Q221	Groundwater	4/16/2021 8:47:00 AM	4/16/2021	5/3/2021
N045020-016C	MW-177D-Q221	Groundwater	4/16/2021 8:47:00 AM	4/16/2021	5/3/2021
N045020-016D	MW-177D-Q221	Groundwater	4/16/2021 8:47:00 AM	4/16/2021	5/3/2021
N045020-017A	MW-177S-Q221	Groundwater	4/16/2021 8:06:00 AM	4/16/2021	5/3/2021
N045020-017B	MW-177S-Q221	Groundwater	4/16/2021 8:06:00 AM	4/16/2021	5/3/2021
N045020-017C	MW-177S-Q221	Groundwater	4/16/2021 8:06:00 AM	4/16/2021	5/3/2021
N045020-017D	MW-177S-Q221	Groundwater	4/16/2021 8:06:00 AM	4/16/2021	5/3/2021
N045020-018A	MW-178D-Q221	Groundwater	4/16/2021 9:36:00 AM	4/16/2021	5/3/2021
N045020-018B	MW-178D-Q221	Groundwater	4/16/2021 9:36:00 AM	4/16/2021	5/3/2021
N045020-018C	MW-178D-Q221	Groundwater	4/16/2021 9:36:00 AM	4/16/2021	5/3/2021
N045020-018D	MW-178D-Q221	Groundwater	4/16/2021 9:36:00 AM	4/16/2021	5/3/2021
N045020-019A	MW-929-Q221	Groundwater	4/16/2021 9:46:00 AM	4/16/2021	5/3/2021
N045020-019B	MW-929-Q221	Groundwater	4/16/2021 9:46:00 AM	4/16/2021	5/3/2021
N045020-019C	MW-929-Q221	Groundwater	4/16/2021 9:46:00 AM	4/16/2021	5/3/2021
N045020-019D	MW-929-Q221	Groundwater	4/16/2021 9:46:00 AM	4/16/2021	5/3/2021
N045020-020A	MW-178S-Q221	Groundwater	4/16/2021 10:22:00 AM	4/16/2021	5/3/2021
N045020-020B	MW-178S-Q221	Groundwater	4/16/2021 10:22:00 AM	4/16/2021	5/3/2021
N045020-020C	MW-178S-Q221	Groundwater	4/16/2021 10:22:00 AM	4/16/2021	5/3/2021
N045020-020D	MW-178S-Q221	Groundwater	4/16/2021 10:22:00 AM	4/16/2021	5/3/2021
N045020-020E	MW-178S-Q221	Groundwater	4/16/2021 10:22:00 AM	4/16/2021	5/3/2021
N045020-020F	MW-178S-Q221	Groundwater	4/16/2021 10:22:00 AM	4/16/2021	5/3/2021
N045020-021A	MW-930-Q221	Groundwater	4/16/2021 10:32:00 AM	4/16/2021	5/3/2021
N045020-021B	MW-930-Q221	Groundwater	4/16/2021 10:32:00 AM	4/16/2021	5/3/2021
N045020-021C	MW-930-Q221	Groundwater	4/16/2021 10:32:00 AM	4/16/2021	5/3/2021
N045020-021D	MW-930-Q221	Groundwater	4/16/2021 10:32:00 AM	4/16/2021	5/3/2021
N045020-021E	MW-930-Q221	Groundwater	4/16/2021 10:32:00 AM	4/16/2021	5/3/2021
N045020-021F	MW-930-Q221	Groundwater	4/16/2021 10:32:00 AM	4/16/2021	5/3/2021
N045020-022A	MW-37-Q221	Groundwater	4/16/2021 11:13:00 AM	4/16/2021	5/3/2021
N045020-022B	MW-37-Q221	Groundwater	4/16/2021 11:13:00 AM	4/16/2021	5/3/2021
N045020-022C	MW-37-Q221	Groundwater	4/16/2021 11:13:00 AM	4/16/2021	5/3/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045020
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045020-022D	MW-37-Q221	Groundwater	4/16/2021 11:13:00 AM	4/16/2021	5/3/2021
N045020-023A	EB-745-Q221	Groundwater	4/16/2021 10:53:00 AM	4/16/2021	5/3/2021
N045020-024A	EB-746-Q221	Groundwater	4/16/2021 10:50:00 AM	4/16/2021	5/3/2021
N045020-025A	EB-747-Q221	Groundwater	4/16/2021 11:00:00 AM	4/16/2021	5/3/2021
N045020-026A	EB-748-Q221	Groundwater	4/16/2021 11:20:00 AM	4/16/2021	5/3/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-020

Client Sample ID: MW-178S-Q221
Collection Date: 4/16/2021 10:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210420B	QC Batch: 87172			PrepDate: 4/20/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	840	10	10	mg/L	1	4/20/2021 11:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-021

Client Sample ID: MW-930-Q221
Collection Date: 4/16/2021 10:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210420B	QC Batch: 87172			PrepDate: 4/20/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	840	10	10	mg/L	1	4/20/2021 11:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87172	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/20/2021			RunNo: 152194		
Client ID: LCSW	Batch ID: 87172	TestNo: SM2540C				Analysis Date: 4/20/2021			SeqNo: 4180413		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	961.000	10	1000	0	96.1	80	120				

Sample ID: MB-87172	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/20/2021			RunNo: 152194		
Client ID: PBW	Batch ID: 87172	TestNo: SM2540C				Analysis Date: 4/20/2021			SeqNo: 4180414		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID: N045020-020CDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/20/2021			RunNo: 152194		
Client ID: ZZZZZZ	Batch ID: 87172	TestNo: SM2540C				Analysis Date: 4/20/2021			SeqNo: 4180416		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	828.000	10						836.0	0.962	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-020

Client Sample ID: MW-178S-Q221
Collection Date: 4/16/2021 10:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210420B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	32 0.024 0.67	pCi/L	1 4/20/2021 06:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-021

Client Sample ID: MW-930-Q221
Collection Date: 4/16/2021 10:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210429B	QC Batch: 87136	PrepDate: 4/19/2021	Analyst: CEI
Uranium	29 0.024 0.67	pCi/L	1 4/29/2021 04:21 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87136	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286						
Client ID: PBW	Batch ID: 87136	TestNo: EPA 200.8	Analysis Date: 4/20/2021		SeqNo: 4184575						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	ND	0.67									

Sample ID: LCS-87136	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286						
Client ID: LCSW	Batch ID: 87136	TestNo: EPA 200.8	Analysis Date: 4/20/2021		SeqNo: 4184576						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	7.377	0.67	6.700	0	110	85	115				

Sample ID: N045000-022E-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286						
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8	Analysis Date: 4/20/2021		SeqNo: 4184582						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	37.407	0.67	6.700	30.58	102	75	125				

Sample ID: N045000-022E-MSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152286						
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8	Analysis Date: 4/20/2021		SeqNo: 4184583						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	37.294	0.67	6.700	30.58	100	75	125	37.41	0.302	20	

Sample ID: N045020-021F-MS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/19/2021	RunNo: 152418						
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8	Analysis Date: 4/29/2021		SeqNo: 4190750						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	42.275	0.67	6.700	29.40	192	75	125	S			

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: N045000-022E-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:	RunNo: 152286						
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8	Analysis Date: 4/20/2021	SeqNo: 4184579							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	36.923	0.67	6.700	30.58	94.7	80	120				

Sample ID: N045020-021F-PS	SampType: PS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date:	RunNo: 152418						
Client ID: ZZZZZZ	Batch ID: 87136	TestNo: EPA 200.8	Analysis Date: 4/29/2021	SeqNo: 4190749							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	42.342	0.67	6.700	29.40	193	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

**ASSET LABORATORIES**

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL, INDUSTRIAL, AND FOODS

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-001

Client Sample ID: MW-73D-Q221
Collection Date: 4/16/2021 10:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419A	QC Batch: R152158			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.1	0.025	0.20		µg/L	1	4/19/2021 12:47 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	1.8	0.035	1.0		µg/L	1	4/20/2021 01:37 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-002

Client Sample ID: MW-73S-Q221
Collection Date: 4/16/2021 10:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.2	0.025	0.20		µg/L	1	4/19/2021 12:56 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134		PrepDate:		4/19/2021	Analyst: CEI	
Chromium	1.2	0.035	1.0		µg/L	1	4/20/2021 01:43 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-003

Client Sample ID: MW-51-Q221
Collection Date: 4/16/2021 10:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.77	0.025	0.20		µg/L	1	4/19/2021 01:05 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135		PrepDate:		4/19/2021	Analyst: CEI	
Chromium	1.0	0.035	1.0		µg/L	1	4/20/2021 02:24 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-004

Client Sample ID: SA-MW-41-Q221
Collection Date: 4/16/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419A	QC Batch: R152158			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/19/2021 01:15 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 02:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-005

Client Sample ID: SA-AW-01-Q221
Collection Date: 4/16/2021 8:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419A	QC Batch: R152158			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/19/2021 01:24 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 02:36 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-006

Client Sample ID: SA-AW-02-Q221
Collection Date: 4/16/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/19/2021 01:34 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	1.7	0.035	1.0		µg/L	1	4/20/2021 02:42 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-007

Client Sample ID: PT1-MW-04-Q221
Collection Date: 4/16/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158		PrepDate:		Analyst: RAB		
Hexavalent Chromium	91	0.25	2.0		µg/L	10	4/19/2021 03:34 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135		PrepDate: 4/19/2021		Analyst: CEI		
Chromium	99	0.035	1.0		µg/L	1	4/20/2021 02:48 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-008

Client Sample ID: MW-74D-Q221
Collection Date: 4/16/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419A	QC Batch: R152158			PrepDate:		Analyst: RAB	
Hexavalent Chromium	4.5	0.025	0.20		µg/L	1	4/19/2021 01:53 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	4.5	0.035	1.0		µg/L	1	4/20/2021 02:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-009

Client Sample ID: MW-74D2-Q221
Collection Date: 4/16/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419A	QC Batch: R152158			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/19/2021 02:02 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 03:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-010

Client Sample ID: SC-MW-42D-Q221
Collection Date: 4/16/2021 8:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419A	QC Batch: R152158			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/19/2021 02:31 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	2.2	0.035	1.0		µg/L	1	4/20/2021 03:06 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-011

Client Sample ID: SC-MW-42S-Q221
Collection Date: 4/16/2021 8:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419A	QC Batch: R152158			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/19/2021 02:40 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 03:12 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-012

Client Sample ID: SC-MW-43S-Q221
Collection Date: 4/16/2021 9:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419B	QC Batch: R152159		PrepDate:		Analyst: RAB		
Hexavalent Chromium	210	1.3	10		µg/L	50	4/19/2021 05:47 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135		PrepDate: 4/19/2021		Analyst: CEI		
Chromium	220	0.18	5.0		µg/L	5	4/20/2021 07:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-013

Client Sample ID: MW-155D-Q221
Collection Date: 4/16/2021 10:09:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419B	QC Batch: R152159			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/19/2021 06:53 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 03:35 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-014

Client Sample ID: MW-155S-Q221
Collection Date: 4/16/2021 10:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419B	QC Batch: R152159			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.3	0.025	0.20		µg/L	1	4/19/2021 07:02 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	1.9	0.035	1.0		µg/L	1	4/20/2021 03:41 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-015

Client Sample ID: MW-36-Q221
Collection Date: 4/16/2021 9:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419B	QC Batch: R152159	PrepDate: Analyst: RAB					
Hexavalent Chromium	1.0	0.025	0.20		µg/L	1	4/19/2021 07:12 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87135	PrepDate: 4/19/2021 Analyst: CEI					
Chromium	ND	0.035	1.0		µg/L	1	4/20/2021 03:47 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-016

Client Sample ID: MW-177D-Q221
Collection Date: 4/16/2021 8:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419B	QC Batch: R152159			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.9	0.025	0.20		µg/L	1	4/19/2021 07:21 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	2.1	0.035	1.0		µg/L	1	4/20/2021 03:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-017

Client Sample ID: MW-177S-Q221
Collection Date: 4/16/2021 8:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419B	QC Batch: R152159		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.85	0.025	0.20		µg/L	1	4/19/2021 05:18 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135		PrepDate: 4/19/2021		Analyst: CEI		
Chromium	1.2	0.035	1.0		µg/L	1	4/20/2021 03:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-018

Client Sample ID: MW-178D-Q221
Collection Date: 4/16/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210420A	QC Batch: R152172			PrepDate:		Analyst: RAB	
Hexavalent Chromium	16	0.025	0.20		µg/L	1	4/20/2021 12:30 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	21	0.035	1.0		µg/L	1	4/20/2021 04:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-019

Client Sample ID: MW-929-Q221
Collection Date: 4/16/2021 9:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210420A	QC Batch: R152172			PrepDate:		Analyst: RAB	
Hexavalent Chromium	16	0.025	0.20		µg/L	1	4/20/2021 12:39 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Chromium	20	0.035	1.0		µg/L	1	4/20/2021 04:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-020

Client Sample ID: MW-178S-Q221
Collection Date: 4/16/2021 10:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419B	QC Batch: R152159		PrepDate:		Analyst: RAB		
Hexavalent Chromium	130	0.50	4.0		µg/L	20	4/19/2021 06:15 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135		PrepDate: 4/19/2021		Analyst: CEI		
Chromium	130	0.035	1.0		µg/L	1	4/20/2021 04:16 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-021

Client Sample ID: MW-930-Q221
Collection Date: 4/16/2021 10:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210419B	QC Batch: R152159		PrepDate:		Analyst: RAB		
Hexavalent Chromium	130	0.50	4.0		µg/L	20	4/19/2021 06:44 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135		PrepDate: 4/19/2021		Analyst: CEI		
Chromium	130	0.035	1.0		µg/L	1	4/20/2021 04:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-022

Client Sample ID: MW-37-Q221
Collection Date: 4/16/2021 11:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210419B	QC Batch: R152159		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.79	0.025	0.20		µg/L	1	4/19/2021 04:50 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135		PrepDate: 4/19/2021		Analyst: CEI		
Chromium	1.3	0.035	1.0		µg/L	1	4/20/2021 04:28 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-023

Client Sample ID: EB-745-Q221
Collection Date: 4/16/2021 10:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210419B	QC Batch: R152159	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/19/2021 07:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-024

Client Sample ID: EB-746-Q221
Collection Date: 4/16/2021 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210419B	QC Batch: R152159	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/19/2021 07:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-025

Client Sample ID: EB-747-Q221
Collection Date: 4/16/2021 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210419B	QC Batch: R152159	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/19/2021 07:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-026

Client Sample ID: EB-748-Q221
Collection Date: 4/16/2021 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210419B	QC Batch: R152159	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/19/2021 07:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152158	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: PBW	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178922
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152158	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: LCSW	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178923
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.939	0.20	5.000	0	98.8 90 110

Sample ID: N045019-005ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZ	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178947
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.448	0.20			1.486 2.61 20

Sample ID: N045020-007AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZ	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178949
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	143.415	2.0	50.00	90.99	105 90 110

Sample ID: N045020-007AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158
Client ID: ZZZZZ	Batch ID: R152158	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178950
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	142.462	2.0	50.00	90.99	103 90 110 143.4 0.667 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045000-022AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152158						
Client ID: ZZZZZZ	Batch ID: R152158	TestNo: EPA 218.6	Analysis Date: 4/19/2021	SeqNo: 4178951							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	145.978	2.0	50.00	93.90	104	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R152159	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152159			
Client ID: LCSW	Batch ID: R152159	TestNo: EPA 218.6		Analysis Date: 4/19/2021				SeqNo: 4178960			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.018	0.20	5.000	0	100	90	110				
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Sample ID: MB-R152159	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152159						
Client ID: PBW	Batch ID: R152159	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178961						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: N045020-022AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152159						
Client ID: ZZZZZZ	Batch ID: R152159	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178965						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.879	0.20	1.000	0.7918	109	90	110				
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Sample ID: N045020-022AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152159						
Client ID: ZZZZZZ	Batch ID: R152159	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178966						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.830	0.20	1.000	0.7918	104	90	110	1.879	2.64	20	
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Sample ID: N045020-017AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152159						
Client ID: ZZZZZZ	Batch ID: R152159	TestNo: EPA 218.6		Analysis Date: 4/19/2021	SeqNo: 4178968						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.865	0.20	1.000	0.8509	101	90	110				
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045020-017ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152159						
Client ID: ZZZZZZ	Batch ID: R152159	TestNo: EPA 218.6	Analysis Date: 4/19/2021	SeqNo: 4178969							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.832	0.20						0.8509	2.29	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: MB-R152172	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172						
Client ID: PBW	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179501						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium ND 0.20

Sample ID: LCS-R152172	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172						
Client ID: LCSW	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179502						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 5.018 0.20 5.000 0 100 90 110

Sample ID: N045039-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172						
Client ID: ZZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179518						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 53.016 1.0 25.00 27.68 101 90 110

Sample ID: N045039-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172						
Client ID: ZZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179519						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 53.194 1.0 25.00 27.68 102 90 110 53.02 0.334 20

Sample ID: N045039-003ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172						
Client ID: ZZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179522						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium 6.121 0.20 6.141 0.325 20

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045038-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172						
Client ID: ZZZZZZ	Batch ID: R152172	TestNo: EPA 218.6	Analysis Date: 4/20/2021	SeqNo: 4179523							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	126.601	2.0	50.00	75.88	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87134	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: PBW	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4181297
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87134	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: LCSW	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4181298
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.349 1.0 10.00 0 103 85 115

Sample ID: N045004-001DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4181303
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 69.191 1.0 10.00 63.15 60.4 75 125 S

Sample ID: N045004-001DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/19/2021	SeqNo: 4181304
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 69.271 1.0 10.00 63.15 61.2 75 125 69.19 0.115 20 S

Sample ID: N045004-009DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4181374
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 330.933 5.0 10.00 314.6 163 75 125 S

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: N045004-009DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181375						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	330.318	5.0	10.00	314.6	157	75	125	330.9	0.186	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87135	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: PBW	Batch ID: 87135	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4181328
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87135	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: LCSW	Batch ID: 87135	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4181329
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.088 1.0 10.00 0 101 85 115

Sample ID: N045020-022DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87135	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4181360
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.759 1.0 10.00 1.294 94.6 75 125

Sample ID: N045020-022DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87135	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4181361
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.767 1.0 10.00 1.294 94.7 75 125 10.76 0.0791 20

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID: N045004-001D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181302						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	69.571	1.0	10.00	63.15	64.2	80	120				S

Sample ID: N045004-009D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181373						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	329.437	5.0	10.00	314.6	149	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: N045020-022D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87135	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181359						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.828	1.0	10.00	1.294	95.3	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-001

Client Sample ID: MW-73D-Q221
Collection Date: 4/16/2021 10:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B **QC Batch:** R152126 **PrepDate:** **Analyst:** RAB
 Nitrate as N 0.51 0.0087 0.050 mg/L 1 4/17/2021 05:21 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-002

Client Sample ID: MW-73S-Q221
Collection Date: 4/16/2021 10:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210416B **QC Batch:** R152126 **PrepDate:** **Analyst:** RAB
 Nitrate as N 0.52 0.0087 0.050 mg/L 1 4/17/2021 05:36 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-003

Client Sample ID: MW-51-Q221
Collection Date: 4/16/2021 10:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129	PrepDate:	Analyst: RAB
Nitrate as N	0.38 0.0087 0.050	mg/L	1 4/17/2021 02:36 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-004

Client Sample ID: SA-MW-41-Q221
Collection Date: 4/16/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129	PrepDate:	Analyst: RAB
Nitrate as N	ND 0.017 0.10	mg/L	2 4/17/2021 02:21 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-005

Client Sample ID: SA-AW-01-Q221
Collection Date: 4/16/2021 8:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50		mg/L	5	4/17/2021 10:54 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129				PrepDate:		Analyst: RAB
Nitrate as N	ND	0.044	0.25		mg/L	5	4/17/2021 10:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-006

Client Sample ID: SA-AW-02-Q221
Collection Date: 4/16/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/17/2021 11:08 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.017	0.10	mg/L	2	4/17/2021 11:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-007

Client Sample ID: PT1-MW-04-Q221
Collection Date: 4/16/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/17/2021 11:23 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.017	0.10	mg/L	2	4/17/2021 11:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-008

Client Sample ID: MW-74D-Q221
Collection Date: 4/16/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A **QC Batch:** R152129 **PrepDate:** **Analyst:** RAB
 Nitrate as N 0.76 0.0087 0.050 mg/L 1 4/17/2021 03:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-009

Client Sample ID: MW-74D2-Q221
Collection Date: 4/16/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129	PrepDate:	Analyst: RAB
Nitrate as N	ND 0.0087 0.050	mg/L	1 4/17/2021 03:50 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-010

Client Sample ID: SC-MW-42D-Q221
Collection Date: 4/16/2021 8:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/17/2021 11:38 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129				PrepDate:		Analyst: RAB
Nitrate as N	2.0	0.017	0.10		mg/L	2	4/17/2021 11:38 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-011

Client Sample ID: SC-MW-42S-Q221
Collection Date: 4/16/2021 8:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/17/2021 11:53 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.017	0.10	mg/L	2	4/17/2021 11:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-012

Client Sample ID: SC-MW-43S-Q221
Collection Date: 4/16/2021 9:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129	PrepDate:	Analyst: RAB
Nitrate as N	23 0.17 1.0	mg/L	20 4/17/2021 05:04 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-013

Client Sample ID: MW-155D-Q221
Collection Date: 4/16/2021 10:09:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A **QC Batch:** R152129 **PrepDate:** **Analyst:** RAB
 Nitrate as N ND 0.0087 0.050 mg/L 1 4/17/2021 04:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-014

Client Sample ID: MW-155S-Q221
Collection Date: 4/16/2021 10:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129	PrepDate:	Analyst: RAB
Nitrate as N	4.2 0.044 0.25	mg/L	5 4/17/2021 02:50 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-015

Client Sample ID: MW-36-Q221
Collection Date: 4/16/2021 9:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A **QC Batch:** R152129 **PrepDate:** **Analyst:** RAB
 Nitrate as N 0.16 0.0087 0.050 mg/L 1 4/17/2021 04:19 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-016

Client Sample ID: MW-177D-Q221
Collection Date: 4/16/2021 8:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A **QC Batch:** R152129 **PrepDate:** **Analyst:** RAB
 Nitrate as N 0.57 0.0087 0.050 mg/L 1 4/17/2021 04:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-017

Client Sample ID: MW-177S-Q221
Collection Date: 4/16/2021 8:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A **QC Batch:** R152129 **PrepDate:** **Analyst:** RAB
 Nitrate as N 0.40 0.0087 0.050 mg/L 1 4/17/2021 04:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-018

Client Sample ID: MW-178D-Q221
Collection Date: 4/16/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/17/2021 12:37 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Nitrate as N	1.6	0.044	0.25	mg/L	5	4/17/2021 12:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-019

Client Sample ID: MW-929-Q221
Collection Date: 4/16/2021 9:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/17/2021 12:52 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Nitrate as N	2.0	0.044	0.25	mg/L	5	4/17/2021 12:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-020

Client Sample ID: MW-178S-Q221
Collection Date: 4/16/2021 10:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/17/2021 01:07 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Nitrate as N	6.5	0.044	0.25	mg/L	5	4/17/2021 01:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-021

Client Sample ID: MW-930-Q221
Collection Date: 4/16/2021 10:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/17/2021 01:22 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129			PrepDate:		Analyst: RAB
Nitrate as N	6.3	0.044	0.25	mg/L	5	4/17/2021 01:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-022

Client Sample ID: MW-37-Q221
Collection Date: 4/16/2021 11:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210417A	QC Batch: R152129	PrepDate:	Analyst: RAB
Nitrate as N	1.3 0.017 0.10	mg/L	2 4/17/2021 10:39 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: LCS-R152129_PO4	SampType: LCS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152129		
Client ID: LCSW	Batch ID: R152129	TestNo: EPA 300.0				Analysis Date: 4/17/2021			SeqNo: 4176918		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.245	0.10	1.250	0	99.6	90	110				

Sample ID: MB-R152129_PO4	SampType: MBLK	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152129		
Client ID: PBW	Batch ID: R152129	TestNo: EPA 300.0				Analysis Date: 4/17/2021			SeqNo: 4176919		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID: N045020-005BMS	SampType: MS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152129		
Client ID: ZZZZZZ	Batch ID: R152129	TestNo: EPA 300.0				Analysis Date: 4/17/2021			SeqNo: 4176931		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	6.742	0.50	6.250	0	108	80	120				

Sample ID: N045020-005BMSD	SampType: MSD	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152129		
Client ID: ZZZZZZ	Batch ID: R152129	TestNo: EPA 300.0				Analysis Date: 4/17/2021			SeqNo: 4176932		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	6.878	0.50	6.250	0	110	80	120	6.742	2.00	20	

Sample ID: N045020-020BDUP	SampType: DUP	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152129		
Client ID: ZZZZZZ	Batch ID: R152129	TestNo: EPA 300.0				Analysis Date: 4/17/2021			SeqNo: 4176933		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.50						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: LCS-R152126_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152126		
Client ID: LCSW	Batch ID: R152126	TestNo: EPA 300.0				Analysis Date: 4/16/2021			SeqNo: 4176369		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	1.257	0.050	1.250	0	101	90	110				

Sample ID: MB-R152126_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152126		
Client ID: PBW	Batch ID: R152126	TestNo: EPA 300.0				Analysis Date: 4/16/2021			SeqNo: 4176370		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	0.038	0.050									

Sample ID: N045004-009BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152126		
Client ID: ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0				Analysis Date: 4/17/2021			SeqNo: 4176389		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	8.304	0.25	6.250	2.348	95.3	80	120				

Sample ID: N045004-009BMSD	SampType: MSD	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152126		
Client ID: ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0				Analysis Date: 4/17/2021			SeqNo: 4176390		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	8.376	0.25	6.250	2.348	96.5	80	120	8.304	0.869	20	

Sample ID: N045001-004BDUP	SampType: DUP	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152126		
Client ID: ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0				Analysis Date: 4/17/2021			SeqNo: 4176391		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	36.420	2.5						36.70	0.779	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045001-004BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152126						
Client ID: ZZZZZZ	Batch ID: R152126	TestNo: EPA 300.0	Analysis Date: 4/17/2021	SeqNo: 4176392							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	96.575	2.5	62.50	36.70	95.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: LCS-R152129_NO3	SampType: LCS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152129						
Client ID: LCSW	Batch ID: R152129	TestNo: EPA 300.0		Analysis Date: 4/17/2021	SeqNo: 4176882						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.250	0.050	1.250	0	100	90	110				
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Sample ID: MB-R152129_NO3	SampType: MBLK	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152129						
Client ID: PBW	Batch ID: R152129	TestNo: EPA 300.0		Analysis Date: 4/17/2021	SeqNo: 4176883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	ND	0.050									
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Sample ID: N045020-020BDUP	SampType: DUP	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152129						
Client ID: ZZZZZZ	Batch ID: R152129	TestNo: EPA 300.0		Analysis Date: 4/17/2021	SeqNo: 4176896						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	6.509	0.25						6.472	0.570	20	
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Sample ID: N045020-022BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152129						
Client ID: ZZZZZZ	Batch ID: R152129	TestNo: EPA 300.0		Analysis Date: 4/17/2021	SeqNo: 4176909						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.672	0.10	2.500	1.253	96.8	80	120				
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Sample ID: N045020-022BMSD	SampType: MSD	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152129						
Client ID: ZZZZZZ	Batch ID: R152129	TestNo: EPA 300.0		Analysis Date: 4/17/2021	SeqNo: 4176910						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.657	0.10	2.500	1.253	96.2	80	120	3.672	0.415	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045020-011BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152129						
Client ID: ZZZZZZ	Batch ID: R152129	TestNo: EPA 300.0	Analysis Date: 4/17/2021	SeqNo: 4176911							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	2.392	0.10	2.500	0	95.7	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT:	ARCADIS U.S., Inc. - California	Client Sample ID:	MW-73D-Q221
Lab Order:	N045020	Collection Date:	4/16/2021 10:18:00 AM
Project:	PG&E Hinkley - COMP B, 30046045	Matrix:	GROUNDWATER
Lab ID:	N045020-001		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147	PrepDate:	Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0
		mg/L	1
			4/19/2021 05:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-002

Client Sample ID: MW-73S-Q221
Collection Date: 4/16/2021 10:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210419A	QC Batch: R152147		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/19/2021 06:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-003

Client Sample ID: MW-51-Q221
Collection Date: 4/16/2021 10:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210419A	QC Batch: R152147		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/19/2021 06:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-004

Client Sample ID: SA-MW-41-Q221
Collection Date: 4/16/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210419A	QC Batch: R152147		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/19/2021 06:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-007

Client Sample ID: PT1-MW-04-Q221
Collection Date: 4/16/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210419A	QC Batch: R152147		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/19/2021 06:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-008

Client Sample ID: MW-74D-Q221
Collection Date: 4/16/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210419A	QC Batch: R152147			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/19/2021 07:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-009

Client Sample ID: MW-74D2-Q221
Collection Date: 4/16/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210420A	QC Batch: R152174		PrepDate:		Analyst: JBB		
Organic Carbon, Total	1.0	0.084	1.0		mg/L	1	4/20/2021 01:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-010

Client Sample ID: SC-MW-42D-Q221
Collection Date: 4/16/2021 8:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 01:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-011

Client Sample ID: SC-MW-42S-Q221
Collection Date: 4/16/2021 8:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 02:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-012

Client Sample ID: SC-MW-43S-Q221
Collection Date: 4/16/2021 9:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 02:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-013

Client Sample ID: MW-155D-Q221
Collection Date: 4/16/2021 10:09:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210420A	QC Batch: R152174		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/20/2021 02:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-014

Client Sample ID: MW-155S-Q221
Collection Date: 4/16/2021 10:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 02:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-015

Client Sample ID: MW-36-Q221
Collection Date: 4/16/2021 9:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210420A	QC Batch: R152174		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/20/2021 03:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-016

Client Sample ID: MW-177D-Q221
Collection Date: 4/16/2021 8:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 03:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-017

Client Sample ID: MW-177S-Q221
Collection Date: 4/16/2021 8:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210420A	QC Batch: R152174		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/20/2021 03:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-018

Client Sample ID: MW-178D-Q221
Collection Date: 4/16/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210420A	QC Batch: R152174		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/20/2021 03:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-019

Client Sample ID: MW-929-Q221
Collection Date: 4/16/2021 9:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210420A	QC Batch: R152174		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/20/2021 04:38 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-020

Client Sample ID: MW-178S-Q221
Collection Date: 4/16/2021 10:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 04:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-021

Client Sample ID: MW-930-Q221
Collection Date: 4/16/2021 10:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 05:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-022

Client Sample ID: MW-37-Q221
Collection Date: 4/16/2021 11:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 12:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152147	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152147
Client ID: PBW	Batch ID: R152147	TestNo: SM 5310C		Analysis Date: 4/19/2021	SeqNo: 4178101
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID: LCS-R152147	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152147
Client ID: LCSW	Batch ID: R152147	TestNo: SM 5310C		Analysis Date: 4/19/2021	SeqNo: 4178102
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.043	1.0	5.000	0	101 85 115

Sample ID: N045004-009CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152147
Client ID: ZZZZZZ	Batch ID: R152147	TestNo: SM 5310C		Analysis Date: 4/19/2021	SeqNo: 4178104
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.825	1.0	5.000	0.3527	89.4 75 125

Sample ID: N045004-009CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152147
Client ID: ZZZZZZ	Batch ID: R152147	TestNo: SM 5310C		Analysis Date: 4/19/2021	SeqNo: 4178105
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.905	1.0	5.000	0.3527	91.0 75 125 4.825 1.64 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 5310C_W_T

Sample ID: MB-R152174	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152174			
Client ID: PBW	Batch ID: R152174	TestNo: SM 5310C		Analysis Date: 4/20/2021				SeqNo: 4179723			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total ND 1.0

Sample ID: LCS-R152174	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152174						
Client ID: LCSW	Batch ID: R152174	TestNo: SM 5310C	Analysis Date: 4/20/2021	SeqNo: 4179724							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 5.015 1.0 5.000 0 100 85 115

Sample ID: N045020-022CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152174						
Client ID: ZZZZZZ	Batch ID: R152174	TestNo: SM 5310C	Analysis Date: 4/20/2021	SeqNo: 4179726							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 4.515 1.0 5.000 0.2308 85.7 75 125

Sample ID: N045020-022CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152174						
Client ID: ZZZZZZ	Batch ID: R152174	TestNo: SM 5310C	Analysis Date: 4/20/2021	SeqNo: 4179727							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 4.547 1.0 5.000 0.2308 86.3 75 125 4.515 0.709 20

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-001

Client Sample ID: MW-73D-Q221
Collection Date: 4/16/2021 10:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	55	18	20		ug/L	1	4/20/2021 04:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-002

Client Sample ID: MW-73S-Q221
Collection Date: 4/16/2021 10:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87147			PrepDate:	4/19/2021	Analyst: DJ	
Iron	20	18	20		ug/L	1	4/20/2021 04:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-003

Client Sample ID: MW-51-Q221
Collection Date: 4/16/2021 10:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	21	18	20		ug/L	1	4/20/2021 05:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-004

Client Sample ID: SA-MW-41-Q221
Collection Date: 4/16/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	2500	18	20		ug/L	1	4/20/2021 05:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-005

Client Sample ID: SA-AW-01-Q221
Collection Date: 4/16/2021 8:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	7700	18	20		ug/L	1	4/20/2021 05:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-006

Client Sample ID: SA-AW-02-Q221
Collection Date: 4/16/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	620	18	20		ug/L	1	4/20/2021 05:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-007

Client Sample ID: PT1-MW-04-Q221
Collection Date: 4/16/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	38	18	20		ug/L	1	4/20/2021 05:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-008

Client Sample ID: MW-74D-Q221
Collection Date: 4/16/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 05:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-009

Client Sample ID: MW-74D2-Q221
Collection Date: 4/16/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	27	18	20		ug/L	1	4/20/2021 05:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-010

Client Sample ID: SC-MW-42D-Q221
Collection Date: 4/16/2021 8:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	3300	18	20		ug/L	1	4/20/2021 05:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-011

Client Sample ID: SC-MW-42S-Q221
Collection Date: 4/16/2021 8:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	4500	18	20		ug/L	1	4/20/2021 05:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-012

Client Sample ID: SC-MW-43S-Q221
Collection Date: 4/16/2021 9:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 05:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-013

Client Sample ID: MW-155D-Q221
Collection Date: 4/16/2021 10:09:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	180	18	20		ug/L	1	4/20/2021 05:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-014

Client Sample ID: MW-155S-Q221
Collection Date: 4/16/2021 10:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 05:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-015

Client Sample ID: MW-36-Q221
Collection Date: 4/16/2021 9:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	26	18	20		ug/L	1	4/20/2021 06:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-016

Client Sample ID: MW-177D-Q221
Collection Date: 4/16/2021 8:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	35	18	20		ug/L	1	4/20/2021 06:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-017

Client Sample ID: MW-177S-Q221
Collection Date: 4/16/2021 8:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	27	18	20		ug/L	1	4/20/2021 06:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-018

Client Sample ID: MW-178D-Q221
Collection Date: 4/16/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	48	18	20		ug/L	1	4/20/2021 06:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-019

Client Sample ID: MW-929-Q221
Collection Date: 4/16/2021 9:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	50	18	20		ug/L	1	4/20/2021 06:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-020

Client Sample ID: MW-178S-Q221
Collection Date: 4/16/2021 10:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 06:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-021

Client Sample ID: MW-930-Q221
Collection Date: 4/16/2021 10:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 06:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-022

Client Sample ID: MW-37-Q221
Collection Date: 4/16/2021 11:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210420A	QC Batch: 87148			PrepDate:	4/19/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/20/2021 04:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87147	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: PBW	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179646
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS-87147	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: LCSW	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179647
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	86.295	20	100.0	0	86.3 85 115

Sample ID: N045004-001DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179651
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	174.573	20	100.0	29.88	145 75 125 S

Sample ID: N045004-001DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179656
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	288.657	20	100.0	29.88	259 75 125 174.6 49.3 20 SR

Sample ID: N045004-009DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/20/2021	SeqNo: 4179660
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	176.669	20	100.0	62.50	114 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID: N045004-009DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179661						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	257.943	20	100.0	62.50	195	75	125	176.7	37.4	20	SR

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID: MB-87148	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173						
Client ID: PBW	Batch ID: 87148	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179684						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Iron ND 20

Sample ID: LCS-87148	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173						
Client ID: LCSW	Batch ID: 87148	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179685						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Iron 86.354 20 100.0 0 86.4 85 115

Sample ID: N045020-022DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87148	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179689						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Iron 109.266 20 100.0 0 109 75 125

Sample ID: N045020-022DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/19/2021	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87148	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179694						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Iron 139.319 20 100.0 0 139 75 125 109.3 24.2 20 SR

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N045004-001D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	209.148	20	100.0	29.88	179	80	120				S

Sample ID: N045004-009D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87147	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179659						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	197.349	20	100.0	62.50	135	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID: N045020-022D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152173						
Client ID: ZZZZZZ	Batch ID: 87148	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4179688						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	109.682	20	100.0	0	110	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-001

Client Sample ID: MW-73D-Q221
Collection Date: 4/16/2021 10:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	1.2	0.050	0.10		µg/L	1	4/20/2021 01:37 AM
Manganese	2.3	0.026	0.50		µg/L	1	4/20/2021 01:37 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-002

Client Sample ID: MW-73S-Q221
Collection Date: 4/16/2021 10:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87134			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	2.1	0.050	0.10	µg/L	4/20/2021 01:43 AM
Manganese	0.51	0.026	0.50	µg/L	4/20/2021 01:43 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-003

Client Sample ID: MW-51-Q221
Collection Date: 4/16/2021 10:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	2.0	0.050	0.10		µg/L	1	4/20/2021 02:24 AM
Manganese	1.4	0.026	0.50		µg/L	1	4/20/2021 02:24 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-004

Client Sample ID: SA-MW-41-Q221
Collection Date: 4/16/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	1.4	0.050	0.10	µg/L	1 4/20/2021 02:30 AM
Manganese	1300	2.6	5.0	µg/L	10 4/20/2021 06:32 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-005

Client Sample ID: SA-AW-01-Q221
Collection Date: 4/16/2021 8:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	5.8	0.050	0.10		µg/L	1	4/20/2021 02:36 AM
Manganese	4700	13	25		µg/L	50	4/20/2021 04:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-006

Client Sample ID: SA-AW-02-Q221
Collection Date: 4/16/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	4.6	0.050	0.10		µg/L	1	4/20/2021 02:42 AM
Manganese	3800	6.4	12		µg/L	25	4/20/2021 04:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-007

Client Sample ID: PT1-MW-04-Q221
Collection Date: 4/16/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	3.7	0.050	0.10		µg/L	1	4/20/2021 02:48 AM
Manganese	710	1.3	2.5		µg/L	5	4/20/2021 04:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-008

Client Sample ID: MW-74D-Q221
Collection Date: 4/16/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	3.9	0.050	0.10		µg/L	1	4/20/2021 02:54 AM
Manganese	ND	0.026	0.50		µg/L	1	4/20/2021 02:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-009

Client Sample ID: MW-74D2-Q221
Collection Date: 4/16/2021 10:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	3.7	0.050	0.10	µg/L	4/20/2021 03:00 AM
Manganese	25	0.026	0.50	µg/L	4/20/2021 03:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-010

Client Sample ID: SC-MW-42D-Q221
Collection Date: 4/16/2021 8:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	58	0.050	0.10		µg/L	1	4/20/2021 03:06 AM
Manganese	1500	2.6	5.0		µg/L	10	4/20/2021 04:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-011

Client Sample ID: SC-MW-42S-Q221
Collection Date: 4/16/2021 8:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	1.7	0.050	0.10		µg/L	1	4/20/2021 03:12 AM
Manganese	2500	6.4	12		µg/L	25	4/20/2021 07:02 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-012

Client Sample ID: SC-MW-43S-Q221
Collection Date: 4/16/2021 9:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	0.51	0.050	0.10		µg/L	1	4/20/2021 03:17 AM
Manganese	2.6	0.026	0.50		µg/L	1	4/20/2021 03:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-013

Client Sample ID: MW-155D-Q221
Collection Date: 4/16/2021 10:09:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	3.8	0.050	0.10	µg/L	1 4/20/2021 03:35 AM
Manganese	320	1.3	2.5	µg/L	5 4/20/2021 07:36 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-014

Client Sample ID: MW-155S-Q221
Collection Date: 4/16/2021 10:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	1.9	0.050	0.10	µg/L	4/20/2021 03:41 AM
Manganese	7.8	0.026	0.50	µg/L	4/20/2021 03:41 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-015

Client Sample ID: MW-36-Q221
Collection Date: 4/16/2021 9:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	1.3	0.050	0.10		µg/L	1	4/20/2021 03:47 AM
Manganese	17	0.026	0.50		µg/L	1	4/20/2021 03:47 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-016

Client Sample ID: MW-177D-Q221
Collection Date: 4/16/2021 8:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	0.90	0.050	0.10		µg/L	1	4/20/2021 03:53 AM
Manganese	2.3	0.026	0.50		µg/L	1	4/20/2021 03:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-017

Client Sample ID: MW-177S-Q221
Collection Date: 4/16/2021 8:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	1.3	0.050	0.10		µg/L	1	4/20/2021 03:59 AM
Manganese	0.95	0.026	0.50		µg/L	1	4/20/2021 03:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-018

Client Sample ID: MW-178D-Q221
Collection Date: 4/16/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	1.4	0.050	0.10		µg/L	1	4/20/2021 04:05 AM
Manganese	17	0.026	0.50		µg/L	1	4/20/2021 04:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-019

Client Sample ID: MW-929-Q221
Collection Date: 4/16/2021 9:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate:	4/19/2021	Analyst: CEI	
Arsenic	1.5	0.050	0.10		µg/L	1	4/20/2021 04:10 AM
Manganese	17	0.026	0.50		µg/L	1	4/20/2021 04:10 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-020

Client Sample ID: MW-178S-Q221
Collection Date: 4/16/2021 10:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate: 4/19/2021		Analyst: CEI
Arsenic	0.69	0.050	0.10	µg/L	1	4/20/2021 04:16 AM
Manganese	20	0.026	0.50	µg/L	1	4/20/2021 04:16 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-021

Client Sample ID: MW-930-Q221
Collection Date: 4/16/2021 10:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate: 4/19/2021	Analyst: CEI
Arsenic	0.68	0.050	0.10	µg/L	4/20/2021 04:22 AM
Manganese	33	0.026	0.50	µg/L	4/20/2021 04:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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"Serving Clients with Passion and Professionalism"

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045020
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045020-022

Client Sample ID: MW-37-Q221
Collection Date: 4/16/2021 11:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210419A	QC Batch: 87135			PrepDate: 4/19/2021		Analyst: CEI
Arsenic	1.4	0.050	0.10	µg/L	1	4/20/2021 04:28 AM
Manganese	1.3	0.026	0.50	µg/L	1	4/20/2021 04:28 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87134	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: PBW	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181411
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID: LCS-87134	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: LCSW	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181412
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.386	0.10	10.00	0	104 85 115
Manganese	103.739	0.50	100.0	0	104 85 115

Sample ID: N045004-001DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181417
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.201	0.10	10.00	1.081	101 75 125
Manganese	95.331	0.50	100.0	0	95.3 75 125

Sample ID: N045004-001DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/19/2021	SeqNo: 4181418
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.182	0.10	10.00	1.081	101 75 125 11.20 0.168 20
Manganese	95.391	0.50	100.0	0	95.4 75 125 95.33 0.0629 20

Sample ID: N045004-009DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181431
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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 ELAP Cert 2676 | NV Cert NV00922
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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID: N045004-009DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181431						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	12.923	0.10	10.00	3.070	98.5	75	125				
Manganese	98.974	0.50	100.0	1.492	97.5	75	125				

Sample ID: N045004-009DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87134	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181434						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	13.498	0.10	10.00	3.070	104	75	125	12.92	4.36	20	
Manganese	98.352	0.50	100.0	1.492	96.9	75	125	98.97	0.631	20	

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045020
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID: MB-87135	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216						
Client ID: PBW	Batch ID: 87135	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181442						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	0.10									
Manganese	ND	0.50									

Sample ID: LCS-87135	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216						
Client ID: LCSW	Batch ID: 87135	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181443						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.683	0.10	10.00	0	107	85	115				
Manganese	102.142	0.50	100.0	0	102	85	115				

Sample ID: N045020-022DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87135	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181474						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	11.414	0.10	10.00	1.401	100	75	125				
Manganese	97.220	0.50	100.0	1.313	95.9	75	125				

Sample ID: N045020-022DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/19/2021	RunNo: 152216						
Client ID: ZZZZZZ	Batch ID: 87135	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/20/2021	SeqNo: 4181475						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	11.818	0.10	10.00	1.401	104	75	125	11.41	3.48	20	
Manganese	97.177	0.50	100.0	1.313	95.9	75	125	97.22	0.0442	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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FOLDER

R: 4/16/2021

N045020-027A

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2 of 2

2 of 2

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Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/16/2021

Workorder: N045020

Rep sample Temp (Deg C): 3.5/2.4/1.8

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/19/2021

Reviewed By: ABC 4/22/2021

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-001A	MW-73D-Q221	4/16/2021 10:18:00 AM	4/30/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-001B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-001C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-001D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-002A	MW-73S-Q221	4/16/2021 10:52:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-002B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-002C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-002D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-003A	MW-51-Q221	4/16/2021 10:49:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-003B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-003C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-003D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-003D	MW-51-Q221	4/16/2021 10:49:00 AM	4/30/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-004A	SA-MW-41-Q221	4/16/2021 10:10:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-004B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-004C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-004D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-005A	SA-AW-01-Q221	4/16/2021 8:08:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-005B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-005C			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-006A	SA-AW-02-Q221	4/16/2021 9:30:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-006B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-006C			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

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WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-006C	SA-AW-02-Q221	4/16/2021 9:30:00 AM	4/30/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-007A	PT1-MW-04-Q221	4/16/2021 8:48:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-007B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-007C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-007D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-008A	MW-74D-Q221	4/16/2021 10:37:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-008B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-008C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-008D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-009A	MW-74D2-Q221	4/16/2021 10:01:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-009B	MW-74D2-Q221	4/16/2021 10:01:00 AM	4/30/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-009C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-009D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-010A	SC-MW-42D-Q221	4/16/2021 8:44:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-010B			4/30/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045020-010C			4/30/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045020-010D			4/30/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045020-011A	SC-MW-42S-Q221	4/16/2021 8:12:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-011B			4/30/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045020-011C			4/30/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045020-011D			4/30/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-011D	SC-MW-42S-Q221	4/16/2021 8:12:00 AM	4/30/2021	Groundwater	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-012A	SC-MW-43S-Q221	4/16/2021 9:21:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-012B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-012C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-012D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-013A	MW-155D-Q221	4/16/2021 10:09:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-013B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-013C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-013D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-014A	MW-155S-Q221	4/16/2021 10:43:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-014B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-014C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-014D	MW-155S-Q221	4/16/2021 10:43:00 AM	4/30/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-015A	MW-36-Q221	4/16/2021 9:23:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-015B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-015C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-015D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-016A	MW-177D-Q221	4/16/2021 8:47:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-016B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-016C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-016D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-017A	MW-177S-Q221	4/16/2021 8:06:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-017B	MW-177S-Q221	4/16/2021 8:06:00 AM	4/30/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-017C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-017D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-018A	MW-178D-Q221	4/16/2021 9:36:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-018B			4/30/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045020-018C			4/30/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045020-018D			4/30/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045020-019A	MW-929-Q221	4/16/2021 9:46:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-019B			4/30/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045020-019C			4/30/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045020-019D			4/30/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			4/30/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-019D	MW-929-Q221	4/16/2021 9:46:00 AM	4/30/2021	Groundwater	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-020A	MW-178S-Q221	4/16/2021 10:22:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-020B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-020C			4/30/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-020D			4/30/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045020-020E			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-020F			4/30/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-021A	MW-930-Q221	4/16/2021 10:32:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-021B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-021C			4/30/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-021D	MW-930-Q221	4/16/2021 10:32:00 AM	4/30/2021	Groundwater	EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045020-021E			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045020-021F			4/30/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-022A	MW-37-Q221	4/16/2021 11:13:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045020-022B			4/30/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045020-022C			4/30/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VW
N045020-022D			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			4/30/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045020-023A	EB-745-Q221	4/16/2021 10:53:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-024A	EB-746-Q221	4/16/2021 10:50:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-025A	EB-747-Q221	4/16/2021 11:00:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-026A	EB-748-Q221	4/16/2021 11:20:00 AM	4/30/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045020-027A	FOLDER	4/30/2021	4/30/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

WORK ORDER Summary

22-Apr-21

WorkOrder: N045020

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/16/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045020-027A	FOLDER	4/30/2021	4/30/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/30/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



ASSET Laboratories

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV

Subcontractor:

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Brian Martinez

20-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N045020-020D / MW-178S-Q221	Groundwater	4/16/2021 10:22:00 AM	32OZP	1		
N045020-021D / MW-930-Q221	Groundwater	4/16/2021 10:32:00 AM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N45020A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773494924023

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	<u>4/20/2021 1230</u>	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

May 03, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045038

RE: PG&E Hinkley - COMP B, 30046045

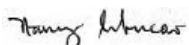
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 19, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045038

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.



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ASSET Laboratories

Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045038
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045038-001A	CA-MW-412D-Q221	Groundwater	4/19/2021 12:32:00 PM	4/19/2021	5/3/2021
N045038-001B	CA-MW-412D-Q221	Groundwater	4/19/2021 12:32:00 PM	4/19/2021	5/3/2021
N045038-001C	CA-MW-412D-Q221	Groundwater	4/19/2021 12:32:00 PM	4/19/2021	5/3/2021
N045038-001D	CA-MW-412D-Q221	Groundwater	4/19/2021 12:32:00 PM	4/19/2021	5/3/2021
N045038-002A	CA-MW-412D2-Q221	Groundwater	4/19/2021 1:16:00 PM	4/19/2021	5/3/2021
N045038-002B	CA-MW-412D2-Q221	Groundwater	4/19/2021 1:16:00 PM	4/19/2021	5/3/2021
N045038-002C	CA-MW-412D2-Q221	Groundwater	4/19/2021 1:16:00 PM	4/19/2021	5/3/2021
N045038-002D	CA-MW-412D2-Q221	Groundwater	4/19/2021 1:16:00 PM	4/19/2021	5/3/2021
N045038-003A	CA-MW-501D-Q221	Groundwater	4/19/2021 11:06:00 AM	4/19/2021	5/3/2021
N045038-003B	CA-MW-501D-Q221	Groundwater	4/19/2021 11:06:00 AM	4/19/2021	5/3/2021
N045038-003C	CA-MW-501D-Q221	Groundwater	4/19/2021 11:06:00 AM	4/19/2021	5/3/2021
N045038-003D	CA-MW-501D-Q221	Groundwater	4/19/2021 11:06:00 AM	4/19/2021	5/3/2021
N045038-004A	MW-04-Q221	Groundwater	4/19/2021 1:56:00 PM	4/19/2021	5/3/2021
N045038-004B	MW-04-Q221	Groundwater	4/19/2021 1:56:00 PM	4/19/2021	5/3/2021
N045038-005A	CA-MW-306D-Q221	Groundwater	4/19/2021 11:09:00 AM	4/19/2021	5/3/2021
N045038-006A	CA-MW-312D-Q221	Groundwater	4/19/2021 1:23:00 PM	4/19/2021	5/3/2021
N045038-006B	CA-MW-312D-Q221	Groundwater	4/19/2021 1:23:00 PM	4/19/2021	5/3/2021
N045038-006C	CA-MW-312D-Q221	Groundwater	4/19/2021 1:23:00 PM	4/19/2021	5/3/2021
N045038-006D	CA-MW-312D-Q221	Groundwater	4/19/2021 1:23:00 PM	4/19/2021	5/3/2021
N045038-007A	CA-MW-313R-Q221	Groundwater	4/19/2021 2:10:00 PM	4/19/2021	5/3/2021
N045038-007B	CA-MW-313R-Q221	Groundwater	4/19/2021 2:10:00 PM	4/19/2021	5/3/2021
N045038-007C	CA-MW-313R-Q221	Groundwater	4/19/2021 2:10:00 PM	4/19/2021	5/3/2021
N045038-007D	CA-MW-313R-Q221	Groundwater	4/19/2021 2:10:00 PM	4/19/2021	5/3/2021
N045038-008A	CA-MW-315D-Q221	Groundwater	4/19/2021 11:57:00 AM	4/19/2021	5/3/2021
N045038-009A	CA-MW-315S-Q221	Groundwater	4/19/2021 12:33:00 PM	4/19/2021	5/3/2021
N045038-010A	EB-749-Q221	Groundwater	4/19/2021 2:45:00 PM	4/19/2021	5/3/2021
N045038-011A	EB-750-Q221	Groundwater	4/19/2021 2:35:00 PM	4/19/2021	5/3/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-001

Client Sample ID: CA-MW-412D-Q221
Collection Date: 4/19/2021 12:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210420A	QC Batch: R152172		PrepDate:		Analyst: RAB		
Hexavalent Chromium	76	0.25	2.0		µg/L	10	4/20/2021 01:17 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161		PrepDate: 4/20/2021		Analyst: CEI		
Chromium	74	0.035	1.0		µg/L	1	4/28/2021 08:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-002

Client Sample ID: CA-MW-412D2-Q221
Collection Date: 4/19/2021 1:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210420A	QC Batch: R152172			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/20/2021 01:46 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210428C	QC Batch: 87161			PrepDate:	4/20/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/28/2021 08:06 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-003

Client Sample ID: CA-MW-501D-Q221
Collection Date: 4/19/2021 11:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210420A	QC Batch: R152172		PrepDate:		Analyst: RAB		
Hexavalent Chromium	13	0.025	0.20		µg/L	1	4/20/2021 01:55 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161		PrepDate: 4/20/2021		Analyst: CEI		
Chromium	13	0.035	1.0		µg/L	1	4/28/2021 08:12 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-004

Client Sample ID: MW-04-Q221
Collection Date: 4/19/2021 1:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210420A	QC Batch: R152172		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.59	0.025	0.20		µg/L	1	4/20/2021 02:05 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161		PrepDate: 4/20/2021		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/28/2021 08:18 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-006

Client Sample ID: CA-MW-312D-Q221
Collection Date: 4/19/2021 1:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210420A	QC Batch: R152172		PrepDate:		Analyst: RAB		
Hexavalent Chromium	59	0.13	1.0		µg/L	5	4/20/2021 02:14 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161		PrepDate: 4/20/2021		Analyst: CEI		
Chromium	57	0.035	1.0		µg/L	1	4/28/2021 08:24 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-007

Client Sample ID: CA-MW-313R-Q221
Collection Date: 4/19/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210420A	QC Batch: R152172			PrepDate:		Analyst: RAB	
Hexavalent Chromium	39	0.25	2.0		µg/L	10	4/20/2021 02:24 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210428C	QC Batch: 87161			PrepDate:	4/20/2021	Analyst: CEI	
Chromium	40	0.035	1.0		µg/L	1	4/28/2021 08:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-010

Client Sample ID: EB-749-Q221
Collection Date: 4/19/2021 2:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210420A	QC Batch: R152172	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND 0.025 0.20	µg/L	1 4/20/2021 02:33 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-011

Client Sample ID: EB-750-Q221
Collection Date: 4/19/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210420A	QC Batch: R152172	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND 0.025 0.20	µg/L	1 4/20/2021 02:42 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152172	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: PBW	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179501
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152172	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: LCSW	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179502
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.018	0.20	5.000	0	100 90 110

Sample ID: N045039-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: ZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179518
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	53.016	1.0	25.00	27.68	101 90 110

Sample ID: N045039-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: ZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179519
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	53.194	1.0	25.00	27.68	102 90 110 53.02 0.334 20

Sample ID: N045039-003ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: ZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179522
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	6.121	0.20			6.141 0.325 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045038-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172						
Client ID: ZZZZZZ	Batch ID: R152172	TestNo: EPA 218.6	Analysis Date: 4/20/2021	SeqNo: 4179523							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	126.601	2.0	50.00	75.88	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87161	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413
Client ID: PBW	Batch ID: 87161	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/28/2021	SeqNo: 4190310
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87161	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413
Client ID: LCSW	Batch ID: 87161	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/28/2021	SeqNo: 4190311
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.771 1.0 10.00 0 97.7 85 115

Sample ID: N045039-001CMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413
Client ID: ZZZZZZ	Batch ID: 87161	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/28/2021	SeqNo: 4190323
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 35.869 1.0 10.00 27.06 88.1 75 125

Sample ID: N045039-001CMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413
Client ID: ZZZZZZ	Batch ID: 87161	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/28/2021	SeqNo: 4190324
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 35.139 1.0 10.00 27.06 80.7 75 125 35.87 2.06 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-001

Client Sample ID: CA-MW-412D-Q221
Collection Date: 4/19/2021 12:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A	QC Batch: R152171	PrepDate:	Analyst: RAB
Nitrate as N	7.1 0.048 0.25	mg/L	5 4/20/2021 01:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-002

Client Sample ID: CA-MW-412D2-Q221
Collection Date: 4/19/2021 1:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A	QC Batch: R152171	PrepDate:	Analyst: RAB
Nitrate as N	0.054 0.0095 0.050	mg/L	1 4/20/2021 05:02 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-003

Client Sample ID: CA-MW-501D-Q221
Collection Date: 4/19/2021 11:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A	QC Batch: R152171	PrepDate:	Analyst: RAB
Nitrate as N	3.6 0.048 0.25	mg/L	5 4/20/2021 02:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-005

Client Sample ID: CA-MW-306D-Q221
Collection Date: 4/19/2021 11:09:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A **QC Batch:** R152171 **PrepDate:** **Analyst:** RAB
 Orthophosphate, Dissolved (as P) ND 0.093 0.10 mg/L 1 4/20/2021 11:12 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-006

Client Sample ID: CA-MW-312D-Q221
Collection Date: 4/19/2021 1:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A	QC Batch: R152171	PrepDate:	Analyst: RAB
Nitrate as N	3.8 0.048 0.25	mg/L	5 4/20/2021 02:25 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-007

Client Sample ID: CA-MW-313R-Q221
Collection Date: 4/19/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A	QC Batch: R152171	PrepDate:	Analyst: RAB
Nitrate as N	1.4 0.019 0.10	mg/L	2 4/20/2021 02:40 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-008

Client Sample ID: CA-MW-315D-Q221
Collection Date: 4/19/2021 11:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A **QC Batch:** R152171 **PrepDate:** **Analyst:** RAB
 Orthophosphate, Dissolved (as P) ND 0.19 0.20 mg/L 2 4/20/2021 11:27 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-009

Client Sample ID: CA-MW-315S-Q221
Collection Date: 4/19/2021 12:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A **QC Batch:** R152171 **PrepDate:** **Analyst:** RAB
 Orthophosphate, Dissolved (as P) ND 0.093 0.10 mg/L 1 4/20/2021 11:42 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: MB-R152171_PO4	SampType: MBLK	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152171		
Client ID: PBW	Batch ID: R152171	TestNo: EPA 300.0				Analysis Date: 4/20/2021			SeqNo: 4179552		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID: LCS-R152171_PO4	SampType: LCS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152171		
Client ID: LCSW	Batch ID: R152171	TestNo: EPA 300.0				Analysis Date: 4/20/2021			SeqNo: 4179553		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.218	0.10	1.250	0	97.4	90	110				

Sample ID: N045039-001BMS	SampType: MS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152171		
Client ID: ZZZZZZ	Batch ID: R152171	TestNo: EPA 300.0				Analysis Date: 4/20/2021			SeqNo: 4179558		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	2.999	0.20	2.500	0	120	80	120				

Sample ID: N045039-001BMSD	SampType: MSD	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152171		
Client ID: ZZZZZZ	Batch ID: R152171	TestNo: EPA 300.0				Analysis Date: 4/20/2021			SeqNo: 4179559		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	2.766	0.20	2.500	0	111	80	120	2.999	8.08	20	

Sample ID: N045038-008ADUP	SampType: DUP	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152171		
Client ID: ZZZZZZ	Batch ID: R152171	TestNo: EPA 300.0				Analysis Date: 4/20/2021			SeqNo: 4179560		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.20						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: MB-R152171_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L				Prep Date:				RunNo: 152171		
Client ID: PBW	Batch ID: R152171	TestNo: EPA 300.0				Analysis Date: 4/20/2021				SeqNo: 4179530		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Nitrate as N ND 0.050

Sample ID: LCS-R152171_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:				RunNo: 152171		
Client ID: LCSW	Batch ID: R152171	TestNo: EPA 300.0				Analysis Date: 4/20/2021				SeqNo: 4179531		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Nitrate as N 1.224 0.050 1.250 0 97.9 90 110

Sample ID: N045038-008ADUP	SampType: DUP	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152171						
Client ID: ZZZZZZ	Batch ID: R152171	TestNo: EPA 300.0		Analysis Date: 4/20/2021	SeqNo: 4179533						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 2.499 0.10 2.494 0.168 20

Sample ID: N045038-003BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152171						
Client ID: ZZZZZZ	Batch ID: R152171	TestNo: EPA 300.0		Analysis Date: 4/20/2021	SeqNo: 4179540						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 9.712 0.25 6.250 3.557 98.5 80 120

Sample ID: N045038-003BMSD	SampType: MSD	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152171						
Client ID: ZZZZZZ	Batch ID: R152171	TestNo: EPA 300.0		Analysis Date: 4/20/2021	SeqNo: 4179541						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 9.674 0.25 6.250 3.557 97.9 80 120 9.712 0.392 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045038-001BDUP	SampType: DUP	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152171						
Client ID: ZZZZZZ	Batch ID: R152171	TestNo: EPA 300.0	Analysis Date: 4/20/2021	SeqNo: 4179542							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	7.072	0.25						7.149	1.09	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-001

Client Sample ID: CA-MW-412D-Q221
Collection Date: 4/19/2021 12:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 05:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-002

Client Sample ID: CA-MW-412D2-Q221
Collection Date: 4/19/2021 1:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 05:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-003

Client Sample ID: CA-MW-501D-Q221
Collection Date: 4/19/2021 11:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 05:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-006

Client Sample ID: CA-MW-312D-Q221
Collection Date: 4/19/2021 1:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210420A	QC Batch: R152174			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/20/2021 06:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-007

Client Sample ID: CA-MW-313R-Q221
Collection Date: 4/19/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210420A	QC Batch: R152174		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/20/2021 06:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152174	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152174			
Client ID: PBW	Batch ID: R152174	TestNo: SM 5310C			Analysis Date: 4/20/2021				SeqNo: 4179723		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	1.0									

Sample ID: LCS-R152174	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152174			
Client ID: LCSW	Batch ID: R152174	TestNo: SM 5310C			Analysis Date: 4/20/2021				SeqNo: 4179724		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	5.015	1.0	5.000	0	100	85	115				

Sample ID: N045020-022CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152174			
Client ID: ZZZZZZ	Batch ID: R152174	TestNo: SM 5310C			Analysis Date: 4/20/2021				SeqNo: 4179726		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	4.515	1.0	5.000	0.2308	85.7	75	125				

Sample ID: N045020-022CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152174			
Client ID: ZZZZZZ	Batch ID: R152174	TestNo: SM 5310C			Analysis Date: 4/20/2021				SeqNo: 4179727		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	4.547	1.0	5.000	0.2308	86.3	75	125	4.515	0.709	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-001

Client Sample ID: CA-MW-412D-Q221
Collection Date: 4/19/2021 12:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	72	18	20		ug/L	1	4/23/2021 01:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-002

Client Sample ID: CA-MW-412D2-Q221
Collection Date: 4/19/2021 1:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 02:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-003

Client Sample ID: CA-MW-501D-Q221
Collection Date: 4/19/2021 11:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	23	18	20		ug/L	1	4/23/2021 02:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-006

Client Sample ID: CA-MW-312D-Q221
Collection Date: 4/19/2021 1:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 02:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-007

Client Sample ID: CA-MW-313R-Q221
Collection Date: 4/19/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 02:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87218	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: PBW	Batch ID: 87218	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183880
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS-87218	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: LCSW	Batch ID: 87218	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183881
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	86.000	20	100.0	0	86.0 85 115

Sample ID: N045055-002DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: ZZZZZZ	Batch ID: 87218	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183885
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	118.437	20	100.0	0	118 75 125

Sample ID: N045055-002DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: ZZZZZZ	Batch ID: 87218	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183886
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	110.657	20	100.0	0	111 75 125 118.4 6.79 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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 ORELAP/NELAP Cert 4046

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-001

Client Sample ID: CA-MW-412D-Q221
Collection Date: 4/19/2021 12:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161			PrepDate:	4/20/2021	Analyst: CEI	
Arsenic	0.94	0.050	0.10		µg/L	1	4/28/2021 08:00 AM
Manganese	16	0.026	0.50		µg/L	1	4/28/2021 08:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-002

Client Sample ID: CA-MW-412D2-Q221
Collection Date: 4/19/2021 1:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210428C	QC Batch: 87161			PrepDate: 4/20/2021		Analyst: CEI
Arsenic	1.4	0.050	0.10	µg/L	1	4/28/2021 08:06 AM
Manganese	210	0.13	2.5	µg/L	5	4/28/2021 09:29 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-003

Client Sample ID: CA-MW-501D-Q221
Collection Date: 4/19/2021 11:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161			PrepDate:	4/20/2021	Analyst: CEI	
Arsenic	0.88	0.050	0.10		µg/L	1	4/28/2021 08:12 AM
Manganese	0.99	0.026	0.50		µg/L	1	4/28/2021 08:12 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-006

Client Sample ID: CA-MW-312D-Q221
Collection Date: 4/19/2021 1:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210428C	QC Batch: 87161			PrepDate: 4/20/2021	Analyst: CEI
Arsenic	1.3	0.050	0.10	µg/L	4/28/2021 09:35 AM
Manganese	3.0	0.026	0.50	µg/L	4/28/2021 08:24 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045038
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045038-007

Client Sample ID: CA-MW-313R-Q221
Collection Date: 4/19/2021 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161			PrepDate:	4/20/2021	Analyst: CEI	
Arsenic	0.60	0.050	0.10		µg/L	1	4/28/2021 08:30 AM
Manganese	5.2	0.026	0.50		µg/L	1	4/28/2021 08:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045038
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87161	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413
Client ID: PBW	Batch ID: 87161	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/28/2021	SeqNo: 4190403
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID: LCS-87161	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413
Client ID: LCSW	Batch ID: 87161	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/28/2021	SeqNo: 4190404
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.210	0.10	10.00	0	102	85	115
Manganese	98.848	0.50	100.0	0	98.8	85	115

Sample ID: N045039-001CMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413
Client ID: ZZZZZZ	Batch ID: 87161	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/28/2021	SeqNo: 4190416
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	13.983	0.10	10.00	3.427	106	75	125
Manganese	94.679	0.50	100.0	0.06520	94.6	75	125

Sample ID: N045039-001CMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413
Client ID: ZZZZZZ	Batch ID: 87161	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/28/2021	SeqNo: 4190417
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	13.609	0.10	10.00	3.427	102	75	125	13.98	2.71	20
Manganese	94.125	0.50	100.0	0.06520	94.1	75	125	94.68	0.587	20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page

1 of 1

ARCUS02
FOLDER

C: 5/3/2021 12:00 AM

R: 4/19/2021

N045038-012A

1 of 1



Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		Excel EDD		RTNE		Y N	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		GeoTracker		RWQCB		1. Chilled	
Email: tonya.russi@arcadis.com		Email: daniel.moore@critigen.com		Address:		Labspec		CaTrans		2. Headspace	
Phone: 1 916 865 3168		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		Others		LEVEL III		3. Container Intact	
Submitted By: Brian Martinez		Phone: 1 916 865 3168		Phone: 951.677.0577		Specify: EQ EDD		LEVEL IV		4. Seal Present	
Title: Field Tech		Fax:		P.O.# PENDING		Global ID:		Regulatory		5. IR number	
Signature: <i>[Signature]</i> Date: 4/19/21		Sampled By: <i>[Signature]</i> Date: 4/19/21		Matrix		Specify State:		Sample Temp: 10°C		6. Method of Cooling:	
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Ground-water		x Sediment		ICB		Sample Temp: 2.3°C		Courier: ASSET	
Project Name: PG&E Hinkley - COMP B		Signature: <i>[Signature]</i> Date: 4/19/21		Potable		NPDES		Other Solid		Tracking No.:	
Project Number: 30046045		Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly		Anions (E300.0) NO3N, 4°C; 1000ml Poly		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		Anions (E300.0) SO4, 4°C; 1000ml Poly	
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others	
N045038-01		CA-MW-412D-Q221 *		4/19/2021		1232		X		X	
-02		CA-MW-412D2-Q221 *		4/19/2021		1316		X		X	
-03		CA-MW-501D-Q221 *		4/19/2021		1106		X		X	
-04		MW-04-Q221		4/19/2021		1556		X		X	
-05		CA-MW-306D-Q221 *		4/19/2021		1108		X		X	
-06		CA-MW-312D-Q221 *		4/19/2021		1323		X		X	
-07		CA-MW-313R-Q221 *		4/19/2021		1410		X		X	
-08		CA-MW-315D-Q221 *		4/19/2021		1167		X		X	
-09		CA-MW-315S-Q221 *		4/19/2021		1233		X		X	
-10		EB-749-Q221 *		4/19/2021		1445		X		X	
-11		EB-750-Q221 *		4/19/2021		1435		X		X	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Brian Martinez 4/19/21 1635		Relinquished by (Signature and Printed Name): <i>[Signature]</i> DOMEO ALCANTARA 4/19/21 1635		Date/Time:		Turn Around Time (TAT)		Special Instruction:			
Relinquished by (Signature and Printed Name): <i>[Signature]</i> DOMEO ALCANTARA 4/19/21 1930		Relinquished by (Signature and Printed Name): <i>[Signature]</i> DOMEO ALCANTARA 4/19/21 1930		Date/Time:		TAT Starts at 8 AM the following day if samples received after 3:00PM.					
Relinquished by (Signature and Printed Name):		Relinquished by (Signature and Printed Name):		Date/Time:		Preservatives:		Container Type:			
						H=HCL N=HNO3 S=H2SO4 C=4°C		T=Tube V=VOA P=Pin			
						Z=Zn(AC)2 O=NaOH T=Na2S2O8		J=Jar B=Tedlar G=Glass			
						Others/Specify: B (NH4)2SO4/NH4OH		M=Metal M=Metal C=Can			

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
Loss from 24 Hrs ~200% Next Day~100% 2 Workdays~50% 3 Workdays~35% 4 Workdays~20%
3. Custom EDD formats will be an additional 3% of the total project price.

5. Trip blanks and equipment blanks are biltable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are not 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subchronic analysis, TAT and Surcharges will vary.

Preservatives:
H=HCL N=HNO3 S=H2SO4 C=4°C
Z=Zn(AC)2 O=NaOH T=Na2S2O8
Others/Specify: B (NH4)2SO4/NH4OH
Container Type:
T=Tube V=VOA P=Pin
J=Jar B=Tedlar G=Glass
M=Metal M=Metal C=Can

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/20/2021

Workorder: N045038

Rep sample Temp (Deg C): 2.3

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YR

4/20/2021

Reviewed By:

MBC

4/27/2021

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045038

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/19/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045038-001A	CA-MW-412D-Q221	4/19/2021 12:32:00 PM	5/3/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-001B			5/3/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-001C			5/3/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045038-001D			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-002A	CA-MW-412D2-Q221	4/19/2021 1:16:00 PM	5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-002B			5/3/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-002C			5/3/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045038-002D			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-003A	CA-MW-501D-Q221	4/19/2021 11:06:00 AM	5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-003B			5/3/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-003C			5/3/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045038-003D			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045038

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/19/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045038-003D	CA-MW-501D-Q221	4/19/2021 11:06:00 AM	5/3/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-004A	MW-04-Q221	4/19/2021 1:56:00 PM	5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-004B			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-005A	CA-MW-306D-Q221	4/19/2021 11:09:00 AM	5/3/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-006A	CA-MW-312D-Q221	4/19/2021 1:23:00 PM	5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-006B			5/3/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-006C			5/3/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045038-006D			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-007A	CA-MW-313R-Q221	4/19/2021 2:10:00 PM	5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-007B			5/3/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-007C			5/3/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045038-007D			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045038

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/19/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045038-008A	CA-MW-315D-Q221	4/19/2021 11:57:00 AM	5/3/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-009A	CA-MW-315S-Q221	4/19/2021 12:33:00 PM	5/3/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-010A	EB-749-Q221	4/19/2021 2:45:00 PM	5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-011A	EB-750-Q221	4/19/2021 2:35:00 PM	5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045038-012A	FOLDER	5/3/2021	5/3/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/3/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/3/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 03, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045039

RE: PG&E Hinkley - GMP, 30046045

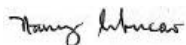
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 19, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045039

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (6.7 ug/L) and hexavalent chromium (8.2 ug/L) for sample N045039-002 (MW-133S1-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of sample upon the addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (6.7 ug/L) and hexavalent chromium (8.2 ug/L) for sample N045039-002 (MW-133S1-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 6.9 and 8.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories**Date:** 03-May-21**CLIENT:** ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N045039**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045039-001A	MW-05-Q221	Groundwater	4/19/2021 2:32:00 PM	4/19/2021	5/3/2021
N045039-001B	MW-05-Q221	Groundwater	4/19/2021 2:32:00 PM	4/19/2021	5/3/2021
N045039-001C	MW-05-Q221	Groundwater	4/19/2021 2:32:00 PM	4/19/2021	5/3/2021
N045039-002A	MW-133S1-Q221	Groundwater	4/19/2021 10:10:00 AM	4/19/2021	5/3/2021
N045039-002B	MW-133S1-Q221	Groundwater	4/19/2021 10:10:00 AM	4/19/2021	5/3/2021
N045039-003A	MW-154S1-Q221	Groundwater	4/19/2021 10:10:00 AM	4/19/2021	5/3/2021
N045039-003B	MW-154S1-Q221	Groundwater	4/19/2021 10:10:00 AM	4/19/2021	5/3/2021

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045039
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045039-001

Client Sample ID: MW-05-Q221
Collection Date: 4/19/2021 2:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210420A	QC Batch: R152172			PrepDate:	Analyst: RAB		
Hexavalent Chromium	28	0.13	1.0		µg/L	5	4/20/2021 12:49 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161			PrepDate:	4/20/2021	Analyst: CEI	
Chromium	27	0.035	1.0		µg/L	1	4/28/2021 08:36 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045039
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045039-002

Client Sample ID: MW-133S1-Q221
Collection Date: 4/19/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210420A	QC Batch: R152172		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.2	0.025	0.20		µg/L	1	4/20/2021 12:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161		PrepDate: 4/20/2021		Analyst: CEI		
Chromium	6.7	0.035	1.0		µg/L	1	4/28/2021 09:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045039
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045039-003

Client Sample ID: MW-154S1-Q221
Collection Date: 4/19/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210420A	QC Batch: R152172		PrepDate:		Analyst: RAB		
Hexavalent Chromium	6.1	0.025	0.20		µg/L	1	4/20/2021 01:08 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210428C	QC Batch: 87161		PrepDate: 4/20/2021		Analyst: CEI		
Chromium	6.1	0.035	1.0		µg/L	1	4/28/2021 09:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045039
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152172	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: PBW	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179501
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152172	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: LCSW	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179502
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.018	0.20	5.000	0	100 90 110

Sample ID: N045039-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: ZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179518
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	53.016	1.0	25.00	27.68	101 90 110

Sample ID: N045039-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: ZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179519
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	53.194	1.0	25.00	27.68	102 90 110 53.02 0.334 20

Sample ID: N045039-003ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172
Client ID: ZZZZZ	Batch ID: R152172	TestNo: EPA 218.6		Analysis Date: 4/20/2021	SeqNo: 4179522
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	6.121	0.20			6.141 0.325 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045039
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045038-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152172						
Client ID: ZZZZZZ	Batch ID: R152172	TestNo: EPA 218.6	Analysis Date: 4/20/2021	SeqNo: 4179523							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	126.601	2.0	50.00	75.88	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045039
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87161	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413						
Client ID: PBW	Batch ID: 87161	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/28/2021	SeqNo: 4190310						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0									
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Sample ID: LCS-87161	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413						
Client ID: LCSW	Batch ID: 87161	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/28/2021	SeqNo: 4190311						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	9.771	1.0	10.00	0	97.7	85	115				
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Sample ID: N045039-001CMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413						
Client ID: ZZZZZZ	Batch ID: 87161	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/28/2021	SeqNo: 4190323						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	35.869	1.0	10.00	27.06	88.1	75	125				
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Sample ID: N045039-001CMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/20/2021	RunNo: 152413						
Client ID: ZZZZZZ	Batch ID: 87161	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/28/2021	SeqNo: 4190324						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	35.139	1.0	10.00	27.06	80.7	75	125	35.87	2.06	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 03-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045039
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045039-001

Client Sample ID: MW-05-Q221
Collection Date: 4/19/2021 2:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210420A **QC Batch:** R152171 **PrepDate:** **Analyst:** RAB
 Orthophosphate, Dissolved (as P) ND 0.19 0.20 mg/L 2 4/20/2021 10:58 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045039
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: MB-R152171_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152171
Client ID: PBW	Batch ID: R152171	TestNo: EPA 300.0		Analysis Date: 4/20/2021	SeqNo: 4179552
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	ND	0.10			

Sample ID: LCS-R152171_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152171
Client ID: LCSW	Batch ID: R152171	TestNo: EPA 300.0		Analysis Date: 4/20/2021	SeqNo: 4179553
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	1.218	0.10	1.250	0	97.4 90 110

Sample ID: N045039-001BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152171
Client ID: ZZZZZ	Batch ID: R152171	TestNo: EPA 300.0		Analysis Date: 4/20/2021	SeqNo: 4179558
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	2.999	0.20	2.500	0	120 80 120

Sample ID: N045039-001BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152171
Client ID: ZZZZZ	Batch ID: R152171	TestNo: EPA 300.0		Analysis Date: 4/20/2021	SeqNo: 4179559
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	2.766	0.20	2.500	0	111 80 120 2.999 8.08 20

Sample ID: N045038-008ADUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152171
Client ID: ZZZZZ	Batch ID: R152171	TestNo: EPA 300.0		Analysis Date: 4/20/2021	SeqNo: 4179560
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	ND	0.20			0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ARCUS02 C: 5/3/2021 12:00 AM
FOLDER R: 4/19/2021
N045039-004A 1 of 1

Page 1 of 1

[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/20/2021

Workorder: N045039

Rep sample Temp (Deg C): 2.3

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YRJ

4/20/2021

Reviewed By:

ABC

4/22/2021

ASSET Laboratories

WORK ORDER Summary

20-Apr-21

WorkOrder: N045039

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/19/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045039-001A	MW-05-Q221	4/19/2021 2:32:00 PM	5/3/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045039-001B			5/3/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045039-001C			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045039-002A	MW-133S1-Q221	4/19/2021 10:10:00 AM	5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045039-002B			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045039-003A	MW-154S1-Q221		5/3/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045039-003B			5/3/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/3/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045039-004A	FOLDER	5/3/2021	5/3/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/3/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/3/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 04, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045055

RE: PG&E Hinkley - COMP B, 30046045

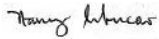
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 20, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045055

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (3.1 ug/L) and hexavalent chromium (0 ug/L) for sample N045055-001 (CA-MW-110-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (17 ug/L) and hexavalent chromium (0 ug/L) for sample N045055-003 (SA-MW-12D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1500 ug/L) and hexavalent chromium (40 ug/L) for sample N045055-010 (SA-RW-23-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.1 ug/L) and hexavalent chromium (0 ug/L) for sample N045055-015 (SC-MW-60S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.1 ug/L) and hexavalent chromium (0 ug/L) for sample N045055-019 (MW-942-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045055

CASE NARRATIVE

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Orthophosphate, Dissolved (as P) in QC samples N045055-002BMS, N045055-002BMSD and N045055-018BMS possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery for Iron in QC sample N045055-021D-MS and N045055-021D-MSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (3.1 ug/L) and hexavalent chromium (0 ug/L) for sample N045055-001 (CA-MW-110-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.0 and 3.8 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (17 ug/L) and hexavalent chromium (0 ug/L) for sample N045055-003 (SA-MW-12D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 17 and 18 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1500 ug/L) and hexavalent chromium (40 ug/L) for sample N045055-010 (SA-RW-23-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1500 and 5100 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.1 ug/L) and hexavalent chromium (0 ug/L) for sample N045055-015 (SC-MW-60S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.2 and 0.8 ug/L, respectively. Since these



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045055

CASE NARRATIVE

data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.1 ug/L) and hexavalent chromium (0 ug/L) for sample N045055-019 (MW-942-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.2 and 1.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Analytical Comments for SM 5310C:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N045055-002CMS and N045055-002CMSD at 1x dilution possibly due to matrix interference. QC samples were diluted and recovery passed criteria. Thus sample N045055-002 and MS/MSD were reported at 5x dilution. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045055
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045055-001A	CA-MW-110-Q221	Groundwater	4/20/2021 8:52:00 AM	4/20/2021	5/4/2021
N045055-001B	CA-MW-110-Q221	Groundwater	4/20/2021 8:52:00 AM	4/20/2021	5/4/2021
N045055-001C	CA-MW-110-Q221	Groundwater	4/20/2021 8:52:00 AM	4/20/2021	5/4/2021
N045055-001D	CA-MW-110-Q221	Groundwater	4/20/2021 8:52:00 AM	4/20/2021	5/4/2021
N045055-001E	CA-MW-110-Q221	Groundwater	4/20/2021 8:52:00 AM	4/20/2021	5/4/2021
N045055-002A	MW-11B-Q221	Groundwater	4/20/2021 9:38:00 AM	4/20/2021	5/4/2021
N045055-002B	MW-11B-Q221	Groundwater	4/20/2021 9:38:00 AM	4/20/2021	5/4/2021
N045055-002C	MW-11B-Q221	Groundwater	4/20/2021 9:38:00 AM	4/20/2021	5/4/2021
N045055-002D	MW-11B-Q221	Groundwater	4/20/2021 9:38:00 AM	4/20/2021	5/4/2021
N045055-003A	SA-MW-12D-Q221	Groundwater	4/20/2021 10:36:00 AM	4/20/2021	5/4/2021
N045055-003B	SA-MW-12D-Q221	Groundwater	4/20/2021 10:36:00 AM	4/20/2021	5/4/2021
N045055-003C	SA-MW-12D-Q221	Groundwater	4/20/2021 10:36:00 AM	4/20/2021	5/4/2021
N045055-003D	SA-MW-12D-Q221	Groundwater	4/20/2021 10:36:00 AM	4/20/2021	5/4/2021
N045055-004A	SA-MW-12S-Q221	Groundwater	4/20/2021 11:08:00 AM	4/20/2021	5/4/2021
N045055-004B	SA-MW-12S-Q221	Groundwater	4/20/2021 11:08:00 AM	4/20/2021	5/4/2021
N045055-004C	SA-MW-12S-Q221	Groundwater	4/20/2021 11:08:00 AM	4/20/2021	5/4/2021
N045055-004D	SA-MW-12S-Q221	Groundwater	4/20/2021 11:08:00 AM	4/20/2021	5/4/2021
N045055-005A	MW-936-Q221	Groundwater	4/20/2021 11:18:00 AM	4/20/2021	5/4/2021
N045055-005B	MW-936-Q221	Groundwater	4/20/2021 11:18:00 AM	4/20/2021	5/4/2021
N045055-005C	MW-936-Q221	Groundwater	4/20/2021 11:18:00 AM	4/20/2021	5/4/2021
N045055-005D	MW-936-Q221	Groundwater	4/20/2021 11:18:00 AM	4/20/2021	5/4/2021
N045055-006A	SC-MW-21D-Q221	Groundwater	4/20/2021 11:31:00 AM	4/20/2021	5/4/2021
N045055-007A	SC-MW-21S-Q221	Groundwater	4/20/2021 12:11:00 PM	4/20/2021	5/4/2021
N045055-007B	SC-MW-21S-Q221	Groundwater	4/20/2021 12:11:00 PM	4/20/2021	5/4/2021
N045055-007C	SC-MW-21S-Q221	Groundwater	4/20/2021 12:11:00 PM	4/20/2021	5/4/2021
N045055-007D	SC-MW-21S-Q221	Groundwater	4/20/2021 12:11:00 PM	4/20/2021	5/4/2021
N045055-007E	SC-MW-21S-Q221	Groundwater	4/20/2021 12:11:00 PM	4/20/2021	5/4/2021
N045055-008A	SC-MW-23S-Q221	Groundwater	4/20/2021 1:49:00 PM	4/20/2021	5/4/2021
N045055-009A	SA-RW-22-Q221	Groundwater	4/20/2021 2:35:00 PM	4/20/2021	5/4/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045055
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045055-009B	SA-RW-22-Q221	Groundwater	4/20/2021 2:35:00 PM	4/20/2021	5/4/2021
N045055-010A	SA-RW-23-Q221	Groundwater	4/20/2021 2:20:00 PM	4/20/2021	5/4/2021
N045055-010B	SA-RW-23-Q221	Groundwater	4/20/2021 2:20:00 PM	4/20/2021	5/4/2021
N045055-011A	SA-RW-25-Q221	Groundwater	4/20/2021 2:05:00 PM	4/20/2021	5/4/2021
N045055-011B	SA-RW-25-Q221	Groundwater	4/20/2021 2:05:00 PM	4/20/2021	5/4/2021
N045055-012A	SC-MW-26D-Q221	Groundwater	4/20/2021 8:40:00 AM	4/20/2021	5/4/2021
N045055-012B	SC-MW-26D-Q221	Groundwater	4/20/2021 8:40:00 AM	4/20/2021	5/4/2021
N045055-012C	SC-MW-26D-Q221	Groundwater	4/20/2021 8:40:00 AM	4/20/2021	5/4/2021
N045055-013A	SC-MW-26S-Q221	Groundwater	4/20/2021 9:31:00 AM	4/20/2021	5/4/2021
N045055-014A	SC-MW-60D-Q221	Groundwater	4/20/2021 12:47:00 PM	4/20/2021	5/4/2021
N045055-014B	SC-MW-60D-Q221	Groundwater	4/20/2021 12:47:00 PM	4/20/2021	5/4/2021
N045055-014C	SC-MW-60D-Q221	Groundwater	4/20/2021 12:47:00 PM	4/20/2021	5/4/2021
N045055-014D	SC-MW-60D-Q221	Groundwater	4/20/2021 12:47:00 PM	4/20/2021	5/4/2021
N045055-015A	SC-MW-60S-Q221	Groundwater	4/20/2021 1:30:00 PM	4/20/2021	5/4/2021
N045055-015B	SC-MW-60S-Q221	Groundwater	4/20/2021 1:30:00 PM	4/20/2021	5/4/2021
N045055-015C	SC-MW-60S-Q221	Groundwater	4/20/2021 1:30:00 PM	4/20/2021	5/4/2021
N045055-015D	SC-MW-60S-Q221	Groundwater	4/20/2021 1:30:00 PM	4/20/2021	5/4/2021
N045055-016A	SC-MW-61D-Q221	Groundwater	4/20/2021 11:47:00 AM	4/20/2021	5/4/2021
N045055-016B	SC-MW-61D-Q221	Groundwater	4/20/2021 11:47:00 AM	4/20/2021	5/4/2021
N045055-016C	SC-MW-61D-Q221	Groundwater	4/20/2021 11:47:00 AM	4/20/2021	5/4/2021
N045055-016D	SC-MW-61D-Q221	Groundwater	4/20/2021 11:47:00 AM	4/20/2021	5/4/2021
N045055-017A	MW-941-Q221	Groundwater	4/20/2021 11:57:00 AM	4/20/2021	5/4/2021
N045055-017B	MW-941-Q221	Groundwater	4/20/2021 11:57:00 AM	4/20/2021	5/4/2021
N045055-017C	MW-941-Q221	Groundwater	4/20/2021 11:57:00 AM	4/20/2021	5/4/2021
N045055-017D	MW-941-Q221	Groundwater	4/20/2021 11:57:00 AM	4/20/2021	5/4/2021
N045055-018A	SC-MW-61S-Q221	Groundwater	4/20/2021 2:28:00 PM	4/20/2021	5/4/2021
N045055-018B	SC-MW-61S-Q221	Groundwater	4/20/2021 2:28:00 PM	4/20/2021	5/4/2021
N045055-018C	SC-MW-61S-Q221	Groundwater	4/20/2021 2:28:00 PM	4/20/2021	5/4/2021
N045055-018D	SC-MW-61S-Q221	Groundwater	4/20/2021 2:28:00 PM	4/20/2021	5/4/2021
N045055-019A	MW-942-Q221	Groundwater	4/20/2021 2:38:00 PM	4/20/2021	5/4/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045055
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045055-019B	MW-942-Q221	Groundwater	4/20/2021 2:38:00 PM	4/20/2021	5/4/2021
N045055-019C	MW-942-Q221	Groundwater	4/20/2021 2:38:00 PM	4/20/2021	5/4/2021
N045055-019D	MW-942-Q221	Groundwater	4/20/2021 2:38:00 PM	4/20/2021	5/4/2021
N045055-020A	SC-MW-62D-Q221	Groundwater	4/20/2021 10:57:00 AM	4/20/2021	5/4/2021
N045055-020B	SC-MW-62D-Q221	Groundwater	4/20/2021 10:57:00 AM	4/20/2021	5/4/2021
N045055-020C	SC-MW-62D-Q221	Groundwater	4/20/2021 10:57:00 AM	4/20/2021	5/4/2021
N045055-020D	SC-MW-62D-Q221	Groundwater	4/20/2021 10:57:00 AM	4/20/2021	5/4/2021
N045055-021A	MW-943-Q221	Groundwater	4/20/2021 11:07:00 AM	4/20/2021	5/4/2021
N045055-021B	MW-943-Q221	Groundwater	4/20/2021 11:07:00 AM	4/20/2021	5/4/2021
N045055-021C	MW-943-Q221	Groundwater	4/20/2021 11:07:00 AM	4/20/2021	5/4/2021
N045055-021D	MW-943-Q221	Groundwater	4/20/2021 11:07:00 AM	4/20/2021	5/4/2021
N045055-022A	SC-MW-62S-Q221	Groundwater	4/20/2021 10:23:00 AM	4/20/2021	5/4/2021
N045055-022B	SC-MW-62S-Q221	Groundwater	4/20/2021 10:23:00 AM	4/20/2021	5/4/2021
N045055-022C	SC-MW-62S-Q221	Groundwater	4/20/2021 10:23:00 AM	4/20/2021	5/4/2021
N045055-022D	SC-MW-62S-Q221	Groundwater	4/20/2021 10:23:00 AM	4/20/2021	5/4/2021
N045055-023A	SC-MW-22S-Q221	Groundwater	4/20/2021 1:08:00 PM	4/20/2021	5/4/2021
N045055-024A	EB-751-Q221	Groundwater	4/20/2021 2:30:00 PM	4/20/2021	5/4/2021
N045055-025A	EB-752-Q221	Groundwater	4/20/2021 3:00:00 PM	4/20/2021	5/4/2021
N045055-026A	EB-753-Q221	Groundwater	4/20/2021 1:55:00 PM	4/20/2021	5/4/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-001

Client Sample ID: CA-MW-110-Q221
Collection Date: 4/20/2021 8:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210421F	QC Batch: 87194			PrepDate: 4/21/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	790	10	10	mg/L	1	4/21/2021 11:47 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-007

Client Sample ID: SC-MW-21S-Q221
Collection Date: 4/20/2021 12:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210421F	QC Batch: 87194			PrepDate: 4/21/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1100	13	13	mg/L	1	4/21/2021 11:47 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-87194	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/21/2021	RunNo:	152230			
Client ID:	LCSW	Batch ID:	87194	TestNo:	SM2540C			Analysis Date:	4/21/2021	SeqNo:	4182157			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		960.000		10	1000	0		96.0	80	120				

Sample ID	MB-87194	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/21/2021	RunNo:	152230			
Client ID:	PBW	Batch ID:	87194	TestNo:	SM2540C			Analysis Date:	4/21/2021	SeqNo:	4182158			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N045055-007CDUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	4/21/2021	RunNo:	152230			
Client ID:	ZZZZZZ	Batch ID:	87194	TestNo:	SM2540C			Analysis Date:	4/21/2021	SeqNo:	4182162			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		1114.667		13							1093	1.93	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-001

Client Sample ID: CA-MW-110-Q221
Collection Date: 4/20/2021 8:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210429B	QC Batch: 87270	PrepDate: 4/28/2021	Analyst: CEI
Uranium	23 0.024 0.67	pCi/L	1 4/29/2021 04:56 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-007

Client Sample ID: SC-MW-21S-Q221
Collection Date: 4/20/2021 12:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210429B	QC Batch: 87270	PrepDate: 4/28/2021	Analyst: CEI
Uranium	20 0.024 0.67	pCi/L	1 4/29/2021 05:02 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID MB-87270	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: PBW	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190751
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID LCS-87270	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: LCSW	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190752
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.261	0.67	6.700	0	108 85 115

Sample ID N045077-001EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: ZZZZZZ	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190760
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	17.923	0.67	6.700	10.83	106 75 125

Sample ID N045077-001EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: ZZZZZZ	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190761
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	17.181	0.67	6.700	10.83	94.8 75 125 17.92 4.23 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-001

Client Sample ID: CA-MW-110-Q221
Collection Date: 4/20/2021 8:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210421A	QC Batch: R152237			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/21/2021 10:00 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate:	4/21/2021	Analyst: CEI	
Chromium	3.1	0.035	1.0		µg/L	1	4/22/2021 12:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-002

Client Sample ID: MW-11B-Q221
Collection Date: 4/20/2021 9:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210421A	QC Batch: R152237			PrepDate:		Analyst: RAB	
Hexavalent Chromium	7.8	0.025	0.20		µg/L	1	4/21/2021 10:11 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate:	4/21/2021	Analyst: CEI	
Chromium	8.4	0.035	1.0		µg/L	1	4/22/2021 12:57 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT:	ARCADIS U.S., Inc. - California	Client Sample ID:	SA-MW-12D-Q221
Lab Order:	N045055	Collection Date:	4/20/2021 10:36:00 AM
Project:	PG&E Hinkley - COMP B, 30046045	Matrix:	GROUNDWATER
Lab ID:	N045055-003		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/21/2021 02:33 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate:	4/21/2021	Analyst: CEI	
Chromium	17	0.035	1.0		µg/L	1	4/22/2021 01:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-004

Client Sample ID: SA-MW-12S-Q221
Collection Date: 4/20/2021 11:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	490	1.3	10		µg/L	50	4/21/2021 10:30 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate:		Analyst: CEI		
Chromium	500	0.18	5.0		µg/L	5	4/22/2021 05:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-005

Client Sample ID: MW-936-Q221
Collection Date: 4/20/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	490	1.3	10		µg/L	50	4/21/2021 10:40 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate:		Analyst: CEI		
Chromium	500	0.18	5.0		µg/L	5	4/22/2021 05:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-007

Client Sample ID: SC-MW-21S-Q221
Collection Date: 4/20/2021 12:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	300	1.3	10		µg/L	50	4/21/2021 10:49 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate:		Analyst: CEI		
Chromium	310	0.18	5.0		µg/L	5	4/22/2021 05:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-009

Client Sample ID: SA-RW-22-Q221
Collection Date: 4/20/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	180	1.3	10		µg/L	50	4/21/2021 10:58 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate: 4/21/2021		Analyst: CEI		
Chromium	200	0.18	5.0		µg/L	5	4/22/2021 05:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-010

Client Sample ID: SA-RW-23-Q221
Collection Date: 4/20/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	40	0.13	1.0		µg/L	5	4/21/2021 02:42 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate: 4/21/2021		Analyst: CEI		
Chromium	1500	0.35	10		µg/L	10	4/22/2021 06:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-011

Client Sample ID: SA-RW-25-Q221
Collection Date: 4/20/2021 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237				PrepDate:	Analyst: RAB	
Hexavalent Chromium	83	0.25	2.0		µg/L	10	4/21/2021 11:36 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185				PrepDate:	4/21/2021	Analyst: CEI
Chromium	84	0.035	1.0		µg/L	1	4/22/2021 02:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-012

Client Sample ID: SC-MW-26D-Q221
Collection Date: 4/20/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	250	1.3	10		µg/L	50	4/21/2021 11:46 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate: 4/21/2021		Analyst: CEI		
Chromium	270	0.88	25		µg/L	25	4/22/2021 06:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-014

Client Sample ID: SC-MW-60D-Q221
Collection Date: 4/20/2021 12:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	81	0.13	1.0		µg/L	5	4/21/2021 11:55 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate: 4/21/2021		Analyst: CEI		
Chromium	79	0.035	1.0		µg/L	1	4/22/2021 02:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-015

Client Sample ID: SC-MW-60S-Q221
Collection Date: 4/20/2021 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/21/2021 12:43 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate:	4/21/2021	Analyst: CEI	
Chromium	2.1	0.035	1.0		µg/L	1	4/22/2021 02:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-016

Client Sample ID: SC-MW-61D-Q221
Collection Date: 4/20/2021 11:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	65	0.25	2.0		µg/L	10	4/21/2021 12:05 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate:		Analyst: CEI		
Chromium	69	0.035	1.0		µg/L	1	4/22/2021 02:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-017

Client Sample ID: MW-941-Q221
Collection Date: 4/20/2021 11:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237				PrepDate:	Analyst: RAB	
Hexavalent Chromium	87	0.25	2.0		µg/L	10	4/21/2021 12:14 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185				PrepDate:	4/21/2021	Analyst: CEI
Chromium	87	0.035	1.0		µg/L	1	4/22/2021 02:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-018

Client Sample ID: SC-MW-61S-Q221
Collection Date: 4/20/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210421A	QC Batch: R152237			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/21/2021 01:35 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate:	4/21/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/22/2021 02:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-019

Client Sample ID: MW-942-Q221
Collection Date: 4/20/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/21/2021 01:46 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate: 4/21/2021		Analyst: CEI		
Chromium	1.1	0.035	1.0		µg/L	1	4/22/2021 03:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-020

Client Sample ID: SC-MW-62D-Q221
Collection Date: 4/20/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1500	2.5	20		µg/L	100	4/21/2021 12:24 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate:		Analyst: CEI		
Chromium	1500	0.35	10		µg/L	10	4/22/2021 07:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-021

Client Sample ID: MW-943-Q221
Collection Date: 4/20/2021 11:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1500	2.5	20		µg/L	100	4/21/2021 12:33 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185		PrepDate:		Analyst: CEI		
Chromium	1500	0.35	10		µg/L	10	4/22/2021 07:12 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-022

Client Sample ID: SC-MW-62S-Q221
Collection Date: 4/20/2021 10:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210421A	QC Batch: R152237			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/21/2021 01:55 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate:	4/21/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/22/2021 03:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-024

Client Sample ID: EB-751-Q221
Collection Date: 4/20/2021 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210421A	QC Batch: R152237	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/21/2021 02:04 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-025

Client Sample ID: EB-752-Q221
Collection Date: 4/20/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC

EPA 218.6

RunID: NV00922-IC7_210421B	QC Batch: R152238	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/21/2021 04:29 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-026

Client Sample ID: EB-753-Q221
Collection Date: 4/20/2021 1:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC

EPA 218.6

RunID: NV00922-IC7_210421B	QC Batch: R152238	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/21/2021 04:39 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R152237	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152237
Client ID: PBW	Batch ID: R152237	TestNo: EPA 218.6		Analysis Date: 4/21/2021	SeqNo: 4182268
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R152237	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152237
Client ID: LCSW	Batch ID: R152237	TestNo: EPA 218.6		Analysis Date: 4/21/2021	SeqNo: 4182269
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.018	0.20	5.000	0	100 90 110

Sample ID N045055-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152237
Client ID: ZZZZZ	Batch ID: R152237	TestNo: EPA 218.6		Analysis Date: 4/21/2021	SeqNo: 4182286
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	13.088	0.20	5.000	7.837	105 90 110

Sample ID N045055-002AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152237
Client ID: ZZZZZ	Batch ID: R152237	TestNo: EPA 218.6		Analysis Date: 4/21/2021	SeqNo: 4182287
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	13.102	0.20	5.000	7.837	105 90 110 13.09 0.103 20

Sample ID N045055-016AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152237
Client ID: ZZZZZ	Batch ID: R152237	TestNo: EPA 218.6		Analysis Date: 4/21/2021	SeqNo: 4182294
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	116.132	2.0	50.00	65.24	102 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045055-011ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	152237			
Client ID:	ZZZZZZ	Batch ID:	R152237	TestNo:	EPA 218.6			Analysis Date:	4/21/2021	SeqNo:	4182295			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		84.153		2.0							83.42	0.877	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	LCS-R152238	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152238					
Client ID:	LCSW	Batch ID: R152238	TestNo: EPA 218.6	Analysis Date: 4/21/2021	SeqNo: 4182306						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.039	0.20	5.000	0	101	90	110				
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Sample ID	MB-R152238	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152238					
Client ID:	PBW	Batch ID: R152238	TestNo: EPA 218.6	Analysis Date: 4/21/2021	SeqNo: 4182307						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID	N045054-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152238					
Client ID:	ZZZZZZ	Batch ID: R152238	TestNo: EPA 218.6	Analysis Date: 4/21/2021	SeqNo: 4182311						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.761	0.20	1.000	0.7356	103	90	110				
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Sample ID	N045054-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152238					
Client ID:	ZZZZZZ	Batch ID: R152238	TestNo: EPA 218.6	Analysis Date: 4/21/2021	SeqNo: 4182312						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	1.779	0.20	1.000	0.7356	104	90	110	1.761	1.02	20	
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Sample ID	N045054-002ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152238					
Client ID:	ZZZZZZ	Batch ID: R152238	TestNo: EPA 218.6	Analysis Date: 4/21/2021	SeqNo: 4182314						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.757	0.20						0.7589	0.277	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID MB-87185	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: PBW	Batch ID: 87185	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/22/2021	SeqNo: 4186471
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID LCS-87185	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: LCSW	Batch ID: 87185	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/22/2021	SeqNo: 4186474
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.117 1.0 10.00 0 101 85 115

Sample ID N045055-002DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: ZZZZZZ	Batch ID: 87185	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/22/2021	SeqNo: 4186479
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 17.565 1.0 10.00 8.413 91.5 75 125

Sample ID N045055-002DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: ZZZZZZ	Batch ID: 87185	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/22/2021	SeqNo: 4186480
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 17.710 1.0 10.00 8.413 93.0 75 125 17.56 0.822 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-001

Client Sample ID: CA-MW-110-Q221
Collection Date: 4/20/2021 8:52:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203	PrepDate:	Analyst: RAB
Nitrate as N	0.35 0.019 0.10	mg/L	2 4/21/2021 01:54 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-002

Client Sample ID: MW-11B-Q221
Collection Date: 4/20/2021 9:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50		mg/L	5	4/21/2021 10:24 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203				PrepDate:		Analyst: RAB
Nitrate as N	2.9	0.048	0.25		mg/L	5	4/21/2021 10:24 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-003

Client Sample ID: SA-MW-12D-Q221
Collection Date: 4/20/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/21/2021 01:10 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	1.2	0.019	0.10	mg/L	2	4/21/2021 01:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-004

Client Sample ID: SA-MW-12S-Q221
Collection Date: 4/20/2021 11:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/21/2021 01:25 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	5.9	0.048	0.25	mg/L	5	4/21/2021 01:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-005

Client Sample ID: MW-936-Q221
Collection Date: 4/20/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/21/2021 01:39 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	5.8	0.048	0.25	mg/L	5	4/21/2021 01:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-006

Client Sample ID: SC-MW-21D-Q221
Collection Date: 4/20/2021 11:31:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203	PrepDate:	Analyst: RAB
Orthophosphate, Dissolved (as P)	ND 0.19	0.20	mg/L 2 4/21/2021 12:25 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-007

Client Sample ID: SC-MW-21S-Q221
Collection Date: 4/20/2021 12:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203						Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50		mg/L	5	4/21/2021 02:09 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203						Analyst: RAB
Nitrate as N	26	0.19	1.0		mg/L	20	4/21/2021 05:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-008

Client Sample ID: SC-MW-23S-Q221
Collection Date: 4/20/2021 1:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/21/2021 05:21 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	0.47	0.019	0.10	mg/L	2	4/21/2021 05:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-012

Client Sample ID: SC-MW-26D-Q221
Collection Date: 4/20/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/21/2021 09:39 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	0.19	0.019	0.10	mg/L	2	4/21/2021 09:39 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-013

Client Sample ID: SC-MW-26S-Q221
Collection Date: 4/20/2021 9:31:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A **QC Batch:** R152203 **PrepDate:** **Analyst:** RAB
 Orthophosphate, Dissolved (as P) ND 0.47 0.50 mg/L 5 4/21/2021 02:24 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-014

Client Sample ID: SC-MW-60D-Q221
Collection Date: 4/20/2021 12:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203						Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50		mg/L	5	4/21/2021 09:54 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203						Analyst: RAB
Nitrate as N	0.27	0.048	0.25		mg/L	5	4/21/2021 09:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-015

Client Sample ID: SC-MW-60S-Q221
Collection Date: 4/20/2021 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203						Analyst: RAB
Orthophosphate, Dissolved (as P)	1.2	0.47	0.50		mg/L	5	4/21/2021 02:39 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203						Analyst: RAB
Nitrate as N	ND	0.048	0.25		mg/L	5	4/21/2021 02:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-016

Client Sample ID: SC-MW-61D-Q221
Collection Date: 4/20/2021 11:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/21/2021 10:38 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	0.31	0.019	0.10	mg/L	2	4/21/2021 10:38 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-017

Client Sample ID: MW-941-Q221
Collection Date: 4/20/2021 11:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/21/2021 10:53 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	0.35	0.019	0.10	mg/L	2	4/21/2021 10:53 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-018

Client Sample ID: SC-MW-61S-Q221
Collection Date: 4/20/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/21/2021 10:09 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.048	0.25	mg/L	5	4/21/2021 10:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-019

Client Sample ID: MW-942-Q221
Collection Date: 4/20/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/21/2021 11:08 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.048	0.25	mg/L	5	4/21/2021 11:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-020

Client Sample ID: SC-MW-62D-Q221
Collection Date: 4/20/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/21/2021 03:53 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	1.7	0.048	0.25	mg/L	5	4/21/2021 03:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-021

Client Sample ID: MW-943-Q221
Collection Date: 4/20/2021 11:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/21/2021 04:07 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	1.7	0.048	0.25	mg/L	5	4/21/2021 04:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-022

Client Sample ID: SC-MW-62S-Q221
Collection Date: 4/20/2021 10:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/21/2021 12:55 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10	mg/L	2	4/21/2021 12:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-023

Client Sample ID: SC-MW-22S-Q221
Collection Date: 4/20/2021 1:08:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210421A	QC Batch: R152203	PrepDate:	Analyst: RAB
Nitrate as N	59 0.48 2.5	mg/L	50 4/21/2021 05:36 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID MB-R152203_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152203
Client ID: PBW	Batch ID: R152203	TestNo: EPA 300.0		Analysis Date: 4/21/2021	SeqNo: 4180682
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	ND	0.10			

Sample ID LCS-R152203_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152203
Client ID: LCSW	Batch ID: R152203	TestNo: EPA 300.0		Analysis Date: 4/21/2021	SeqNo: 4180683
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	1.249	0.10	1.250	0	99.9 90 110

Sample ID N045055-002BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152203
Client ID: ZZZZZZ	Batch ID: R152203	TestNo: EPA 300.0		Analysis Date: 4/21/2021	SeqNo: 4180705
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	10.661	0.50	6.250	0	171 80 120 S

Sample ID N045055-018BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152203
Client ID: ZZZZZZ	Batch ID: R152203	TestNo: EPA 300.0		Analysis Date: 4/21/2021	SeqNo: 4180707
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	10.137	0.50	6.250	0	162 80 120 S

Sample ID N045055-003BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152203
Client ID: ZZZZZZ	Batch ID: R152203	TestNo: EPA 300.0		Analysis Date: 4/21/2021	SeqNo: 4180708
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	ND	0.20			0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID	N045055-002BMSD	SampType:	MSD	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152203			
Client ID:	ZZZZZZ	Batch ID:	R152203	TestNo:	EPA 300.0			Analysis Date:	4/21/2021	SeqNo:	4180710			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		10.764		0.50	6.250	0		172	80	120	10.66	0.962	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	MB-R152203_NO3	SampType:	MBLK	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152203			
Client ID:	PBW	Batch ID:	R152203	TestNo:	EPA 300.0			Analysis Date:	4/21/2021	SeqNo:	4180647			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID	LCS-R152203_NO3	SampType:	LCS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152203			
Client ID:	LCSW	Batch ID:	R152203	TestNo:	EPA 300.0			Analysis Date:	4/21/2021	SeqNo:	4180648			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.223 0.050 1.250 0 97.8 90 110

Sample ID	N045055-002BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152203			
Client ID:	ZZZZZZ	Batch ID:	R152203	TestNo:	EPA 300.0			Analysis Date:	4/21/2021	SeqNo:	4180668			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 8.847 0.25 6.250 2.871 95.6 80 120

Sample ID	N045055-018BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152203		
Client ID:	ZZZZZZ	Batch ID:	R152203	TestNo:	EPA 300.0			Analysis Date:	4/21/2021	SeqNo:	4180670		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 6.087 0.25 6.250 0.1815 94.5 80 120

Sample ID	N045055-003BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152203			
Client ID:	ZZZZZZ	Batch ID:	R152203	TestNo:	EPA 300.0			Analysis Date:	4/21/2021	SeqNo:	4180671			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.219 0.10 1.215 0.378 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N045055-002BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152203	
Client ID:	ZZZZZZ	Batch ID:	R152203	TestNo:	EPA 300.0			Analysis Date:	4/21/2021	SeqNo:	4180675	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		8.911	0.25	6.250	2.871	96.6	80	120	8.847	0.715	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-002

Client Sample ID: MW-11B-Q221
Collection Date: 4/20/2021 9:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.42	5.0	mg/L	5	4/26/2021 01:20 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-003

Client Sample ID: SA-MW-12D-Q221
Collection Date: 4/20/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	6.0	0.084	1.0	mg/L	1	4/26/2021 03:10 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-004

Client Sample ID: SA-MW-12S-Q221
Collection Date: 4/20/2021 11:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 02:06 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-005

Client Sample ID: MW-936-Q221
Collection Date: 4/20/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 04:44 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-014

Client Sample ID: SC-MW-60D-Q221
Collection Date: 4/20/2021 12:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 04:59 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-015

Client Sample ID: SC-MW-60S-Q221
Collection Date: 4/20/2021 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	120	1.7	20	mg/L	20	4/26/2021 04:28 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-016

Client Sample ID: SC-MW-61D-Q221
Collection Date: 4/20/2021 11:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 05:15 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-017

Client Sample ID: MW-941-Q221
Collection Date: 4/20/2021 11:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 06:01 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-018

Client Sample ID: SC-MW-61S-Q221
Collection Date: 4/20/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 06:16 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-019

Client Sample ID: MW-942-Q221
Collection Date: 4/20/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 06:31 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-020

Client Sample ID: SC-MW-62D-Q221
Collection Date: 4/20/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 06:47 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-021

Client Sample ID: MW-943-Q221
Collection Date: 4/20/2021 11:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 07:02 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-022

Client Sample ID: SC-MW-62S-Q221
Collection Date: 4/20/2021 10:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210426A	QC Batch: R152304			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/26/2021 07:17 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID MB2-R152304	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152304
Client ID: PBW	Batch ID: R152304	TestNo: SM 5310C		Analysis Date: 4/26/2021	SeqNo: 4185442
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 1.0

Sample ID LCS-R152304	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152304
Client ID: LCSW	Batch ID: R152304	TestNo: SM 5310C		Analysis Date: 4/26/2021	SeqNo: 4185443
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 4.940 1.0 5.000 0 98.8 85 115

Sample ID N045055-002CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152304
Client ID: ZZZZZZ	Batch ID: R152304	TestNo: SM 5310C		Analysis Date: 4/26/2021	SeqNo: 4185448
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 26.086 5.0 25.00 0.7710 101 75 125

Sample ID N045055-002CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152304
Client ID: ZZZZZZ	Batch ID: R152304	TestNo: SM 5310C		Analysis Date: 4/26/2021	SeqNo: 4185449
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 26.365 5.0 25.00 0.7710 102 75 125 26.09 1.06 20

Sample ID N045055-004CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152304
Client ID: ZZZZZZ	Batch ID: R152304	TestNo: SM 5310C		Analysis Date: 4/26/2021	SeqNo: 4185453
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 4.595 1.0 5.000 0.2624 86.6 75 125

Qualifiers:

B Analyte detected in the associated Method Blank E Value above quantitation range H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 Calculations are based on raw values



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 5310C_W_T

Sample ID	N045055-003CDUP	SampType:	DUP	TestCode:	5310C_W_T	Units:	mg/L	Prep Date:		RunNo:	152304		
Client ID:	ZZZZZZ	Batch ID:	R152304	TestNo:	SM 5310C			Analysis Date:	4/26/2021	SeqNo:	4185455		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total		6.120		1.0						5.968	2.51	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-002

Client Sample ID: MW-11B-Q221
Collection Date: 4/20/2021 9:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 01:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-003

Client Sample ID: SA-MW-12D-Q221
Collection Date: 4/20/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	1400	18	20		ug/L	1	4/23/2021 02:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-004

Client Sample ID: SA-MW-12S-Q221
Collection Date: 4/20/2021 11:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	24	18	20		ug/L	1	4/23/2021 02:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-005

Client Sample ID: MW-936-Q221
Collection Date: 4/20/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 02:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-009

Client Sample ID: SA-RW-22-Q221
Collection Date: 4/20/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	210	18	20		ug/L	1	4/23/2021 02:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-010

Client Sample ID: SA-RW-23-Q221
Collection Date: 4/20/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A		EPA 6010B				
RunID: NV00922-ICP2_210423C	QC Batch: 87218		PrepDate: 4/22/2021		Analyst: DJ		
Iron	9900	18	20		ug/L	1	4/23/2021 02:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-011

Client Sample ID: SA-RW-25-Q221
Collection Date: 4/20/2021 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	49	18	20		ug/L	1	4/23/2021 02:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-012

Client Sample ID: SC-MW-26D-Q221
Collection Date: 4/20/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	96	18	20		ug/L	1	4/23/2021 03:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-014

Client Sample ID: SC-MW-60D-Q221
Collection Date: 4/20/2021 12:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	190	18	20		ug/L	1	4/23/2021 03:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-015

Client Sample ID: SC-MW-60S-Q221
Collection Date: 4/20/2021 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	1400	18	20		ug/L	1	4/23/2021 03:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-016

Client Sample ID: SC-MW-61D-Q221
Collection Date: 4/20/2021 11:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	28	18	20		ug/L	1	4/23/2021 03:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-017

Client Sample ID: MW-941-Q221
Collection Date: 4/20/2021 11:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	110	18	20		ug/L	1	4/23/2021 03:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-018

Client Sample ID: SC-MW-61S-Q221
Collection Date: 4/20/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	1800	18	20		ug/L	1	4/23/2021 03:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-019

Client Sample ID: MW-942-Q221
Collection Date: 4/20/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	1900	18	20		ug/L	1	4/23/2021 03:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-020

Client Sample ID: SC-MW-62D-Q221
Collection Date: 4/20/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87218			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 03:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-021

Client Sample ID: MW-943-Q221
Collection Date: 4/20/2021 11:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	130	18	20		ug/L	1	4/23/2021 04:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-022

Client Sample ID: SC-MW-62S-Q221
Collection Date: 4/20/2021 10:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	650	18	20		ug/L	1	4/23/2021 05:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID MB-87218	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: PBW	Batch ID: 87218	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183880
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID LCS-87218	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: LCSW	Batch ID: 87218	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183881
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	86.000	20	100.0	0	86.0 85 115

Sample ID N045055-002DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: ZZZZZZ	Batch ID: 87218	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183885
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	118.437	20	100.0	0	118 75 125

Sample ID N045055-002DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: ZZZZZZ	Batch ID: 87218	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183886
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	110.657	20	100.0	0	111 75 125 118.4 6.79 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID MB-87219	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: PBW	Batch ID: 87219	TestNo: EPA 6010B EPA 3010A	Analysis Date: 4/23/2021	SeqNo: 4183910	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron ND 20

Sample ID LCS-87219	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: LCSW	Batch ID: 87219	TestNo: EPA 6010B EPA 3010A	Analysis Date: 4/23/2021	SeqNo: 4183911	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 89.492 20 100.0 0 89.5 85 115

Sample ID N045055-021D-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: ZZZZZZ	Batch ID: 87219	TestNo: EPA 6010B EPA 3010A	Analysis Date: 4/23/2021	SeqNo: 4183919	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 95.753 20 100.0 127.1 -31.4 75 125 S

Sample ID N045055-021D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: ZZZZZZ	Batch ID: 87219	TestNo: EPA 6010B EPA 3010A	Analysis Date: 4/23/2021	SeqNo: 4183920	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 88.645 20 100.0 127.1 -38.5 75 125 95.75 7.71 20 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID	N045055-002D-PS	SampType:	PS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:		RunNo:	152271
Client ID:	ZZZZZZ	Batch ID:	87218	TestNo:	EPA 6010B EPA 3010A			Analysis Date:	4/23/2021	SeqNo:	4183884
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Iron		111.539		20	100.0	0	112	80	120		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID	N045055-021D-PS	SampType:	PS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:		RunNo:	152271
Client ID:	ZZZZZZ	Batch ID:	87219	TestNo:	EPA 6010B EPA 3010A	Analysis Date:	4/23/2021	SeqNo:	4183918		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Iron		93.506		20	100.0	127.1	-33.6	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-002

Client Sample ID: MW-11B-Q221
Collection Date: 4/20/2021 9:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	ND	0.050	0.10	µg/L	1	4/22/2021 12:57 PM
Manganese	2600	0.66	12	µg/L	25	4/22/2021 04:45 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-003

Client Sample ID: SA-MW-12D-Q221
Collection Date: 4/20/2021 10:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	51	0.050	0.10	µg/L	1	4/22/2021 01:27 PM
Manganese	3200	0.66	12	µg/L	25	4/22/2021 05:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-004

Client Sample ID: SA-MW-12S-Q221
Collection Date: 4/20/2021 11:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	0.43	0.050	0.10	µg/L	1	4/22/2021 01:33 PM
Manganese	ND	0.026	0.50	µg/L	1	4/22/2021 01:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-005

Client Sample ID: MW-936-Q221
Collection Date: 4/20/2021 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	0.42	0.050	0.10	µg/L	1	4/22/2021 01:39 PM
Manganese	ND	0.026	0.50	µg/L	1	4/22/2021 01:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-009

Client Sample ID: SA-RW-22-Q221
Collection Date: 4/20/2021 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	20	0.050	0.10	µg/L	1	4/22/2021 02:03 PM
Manganese	1200	0.26	5.0	µg/L	10	4/22/2021 05:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-010

Client Sample ID: SA-RW-23-Q221
Collection Date: 4/20/2021 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	86	0.050	0.10	µg/L	1	4/22/2021 02:09 PM
Manganese	1500	0.26	5.0	µg/L	10	4/22/2021 06:01 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-011

Client Sample ID: SA-RW-25-Q221
Collection Date: 4/20/2021 2:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	1.2	0.050	0.10	µg/L	1	4/22/2021 02:15 PM
Manganese	1.8	0.026	0.50	µg/L	1	4/22/2021 02:15 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-012

Client Sample ID: SC-MW-26D-Q221
Collection Date: 4/20/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	0.50	0.050	0.10	µg/L	1	4/22/2021 02:21 PM
Manganese	18	0.026	0.50	µg/L	1	4/22/2021 02:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-014

Client Sample ID: SC-MW-60D-Q221
Collection Date: 4/20/2021 12:47:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	0.97	0.050	0.10	µg/L	1	4/22/2021 02:27 PM
Manganese	46	0.026	0.50	µg/L	1	4/22/2021 02:27 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-015

Client Sample ID: SC-MW-60S-Q221
Collection Date: 4/20/2021 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	10	0.050	0.10	µg/L	1	4/22/2021 02:33 PM
Manganese	1200	0.26	5.0	µg/L	10	4/22/2021 06:13 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-016

Client Sample ID: SC-MW-61D-Q221
Collection Date: 4/20/2021 11:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	0.35	0.050	0.10	µg/L	1	4/22/2021 06:19 PM
Manganese	24	0.026	0.50	µg/L	1	4/22/2021 02:39 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-017

Client Sample ID: MW-941-Q221
Collection Date: 4/20/2021 11:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	0.34	0.050	0.10	µg/L	1	4/22/2021 06:25 PM
Manganese	17	0.026	0.50	µg/L	1	4/22/2021 02:45 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-018

Client Sample ID: SC-MW-61S-Q221
Collection Date: 4/20/2021 2:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	8.8	0.050	0.10	µg/L	1	4/22/2021 02:51 PM
Manganese	5200	1.3	25	µg/L	50	4/22/2021 06:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-019

Client Sample ID: MW-942-Q221
Collection Date: 4/20/2021 2:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	9.5	0.050	0.10	µg/L	1	4/22/2021 03:09 PM
Manganese	5300	1.3	25	µg/L	50	4/22/2021 06:37 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-020

Client Sample ID: SC-MW-62D-Q221
Collection Date: 4/20/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	0.30	0.050	0.10	µg/L	1	4/22/2021 06:43 PM
Manganese	11	0.026	0.50	µg/L	1	4/22/2021 03:15 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-021

Client Sample ID: MW-943-Q221
Collection Date: 4/20/2021 11:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	0.32	0.050	0.10	µg/L	1	4/22/2021 07:06 PM
Manganese	11	0.026	0.50	µg/L	1	4/22/2021 03:21 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 04-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045055
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045055-022

Client Sample ID: SC-MW-62S-Q221
Collection Date: 4/20/2021 10:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422B	QC Batch: 87185			PrepDate: 4/21/2021		Analyst: CEI
Arsenic	5.1	0.050	0.10	µg/L	1	4/22/2021 03:27 PM
Manganese	4400	1.3	25	µg/L	50	4/22/2021 07:18 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID MB-87185	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: PBW	Batch ID: 87185	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186655
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID LCS-87185	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: LCSW	Batch ID: 87185	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186658
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	9.986	0.10	10.00	0	99.9 85 115
Manganese	102.311	0.50	100.0	0	102 85 115

Sample ID N045055-002DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: ZZZZZZ	Batch ID: 87185	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186663
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.129	0.10	10.00	0.09895	100 75 125
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Sample ID N045055-002DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: ZZZZZZ	Batch ID: 87185	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186664
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.312	0.10	10.00	0.09895	102 75 125 10.13 1.79 20
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Sample ID N045055-002DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317
Client ID: ZZZZZZ	Batch ID: 87185	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186700
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese	2726.194	12	100.0	2633	93.6 75 125
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045055
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID	N045055-002DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/21/2021	RunNo: 152317					
Client ID: ZZZZZZ	Batch ID: 87185	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186701						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	2739.212	12	100.0	2633	107	75	125	2726	0.476	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



ASSET LABORATORIES

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"



CHAIN OF CUSTODY RECORD

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Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
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California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		EDD Requirement		QA/QC		Sample Receipt Condition										
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Excel EDD		RTNE		1. Chilled										
Phone: 1 916 865 3168		Fax:		Email to: lisa.kellogg@arcadis.com		P.O.# PENDING		Geotracker		CalTrans		2. Headspace										
Submitted By: Brian Martinez		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Phone: 951.677.0577		Fax:		Labspec		LEVEL III		3. Container Intact										
Title: Field Tech		Phone: 1 916 865 3168		Matrix				Specify: EQ EDD		LEVEL IV		4. Seal Present										
Signature: <i>[Signature]</i> Date: 4/20/21		Sampled By: <i>[Signature]</i> Date: 4/20/21		Ground-water		x Sediment		Global ID:		Regulatory		5. IR number										
I hereby authorize ASSET Labs to perform the tests indicated below.		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for		Potable		Soil		Specify State:				6. Method of Cooling:										
Project Name: PG&E Hinkley - COMP B		Signature: <i>[Signature]</i> Date: 4/20/21		NPDES		Other Solid						Sample Temp: 100										
Project Number: 30046045				Surface								Tracking No.:										
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C, 250 ml Poly	Anions (E300.0) NO3N, 4°C, 1000ml Poly	Ortho-Phosphate (E300.0); 4°C, 1000ml Poly	Anions (E300.0) SO4; 4°C, 1000ml Poly	TDS (SM2540C); 4°C, 1000ml Poly	Gross Alpha (E900); HNO3; 2x1000ml Poly	Gross Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Metals Dissolved (6020AFF) As; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6010BDIS) Fe; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C, 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C, 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C, 500 ml Poly	Eosine, Fluorescein, 4°C (blue ice), 50ml Centrifuge tube	Turn Around Time	No. of Container	Remarks
	N045055-01	CA-MW-110-Q221	4/20/2021	0852		X	X															
	-02	MW-11B-Q221	4/20/2021	0938		X	X	X					X	X	X	X	X					
	-03	SA-MW-12D-Q221	4/20/2021	1036		X	X	X					X	X	X	X	X					
	-04	SA-MW-12S-Q221	4/20/2021	1108		X	X	X					X	X	X	X	X					
	-05	MW-936-Q221	4/20/2021	1118		X	X	X					X	X	X	X	X					
	-06	SC-MW-21D-Q221	4/20/2021	1131				X														
	-07	SC-MW-21S-Q221	4/20/2021	1215		X	X	X		X	X	X						X				
	-08	SC-MW-23S-Q221	4/20/2021	1349		X	X						X	X	X	X	X					
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Turn Around Time (TAT)		Special Instruction:												
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays														
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Date/Time: 4/20/21 1542		TAT Starts at 8 AM the following day if samples received after 3:00PM.														
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Custom EDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on		5. Trip Blanks and Equipment Blanks are suitable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.								Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C T=Tube V=VOA P=Print Z=Zn(AC)2 O=NaOH T=Na2S2O3 J=Jar B=Tedlar G=Glass Others/Specify: B (NH4)2SO4/NH4OH M=Metal M=Metal C=Can		Container Type:										



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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Email to: lisa.kellogg@arcadis.com		P.O.# PENDING		EQD Requirement Excel EDD Geotracker LabSpec Others Specify: EQ EDD		QA/QC RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory		Sample Receipt Condition 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number					
Phone: 1 916 865 3168 Fax: 1 916 865 3168 Submitted By: Brian Martinez Title: Field Tech		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: 1 916 865 3168		Phone: 951.677.0577		Fax:		Global ID:		Specify State:		6. Method of Cooling: 100					
Signature: Date: 4/20/21 I hereby authorize ASSET Labs to perform the tests indicated below.		Sampled By: Nara Tay Signature: Date: 4/20/21 I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Ground-water Potable NPDES Surface		Matrix x Sediment Soil Other Solid		Cr(VI) (E218.6) (NH4)2 SO4, NH4, 4°C, 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly Anions (E300.0) SO4; 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha (E900); HNO3; 2x1000ml Poly Gross Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly Eosine, Fluorescein, 4°C (blue ice), 50ml Centrifuge tube		Sample Temp: 2-3/3.6		Courier:					
Project Name: PG&E Hinkley - COMP B		Signature: Date: 4/20/21		Sample Date		Sample Time		Others		Turn Around Time		No. of Container		Remarks			
Project Number: 30046045																	
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others		Turn Around Time		No. of Container		Remarks	
		N045055-09		• SA-RW-22-Q221		4/20/2021		1435		X							
		-10		• SA-RW-23-Q221		4/20/2021		1420		X							
		-11		• SA-RW-25-Q221		4/20/2021		1405		X							
		-12		• SC-MW-26D-Q221		4/20/2021		0840		X X X							
		-13		• SC-MW-26S-Q221		4/20/2021		0931				X					
		-14		• SC-MW-60D-Q221		4/20/2021		1247		X X X							
		-15		• SC-MW-60S-Q221		4/20/2021		1330		X X X							
		-16		• SC-MW-61D-Q221		4/20/2021		1147		X X X							
		-17		• MW-941-Q221		4/20/2021		1157		X X X							
		-18		• SC-MW-61S-Q221		4/20/2021		1428		X X X							
		-19		• MW-942-Q221		4/20/2021		1438		X X X							
		-20		• SC-MW-62D-Q221		4/20/2021		1057		X X X							
		21		• MW-943-Q221		4/20/2021		1107		X X X							
Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1542		Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1541		Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1541		Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1541		Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1541		Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1541		Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1541		Relinquished by (Signature and Printed Name): Date/Time: 4/20/21 1541	
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20% 4. Customer EDD formats will be an additional 3% of the total project cost.		5. Trip Blank and Equipment Blank are bilable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Special Instruction: Turn Around Time (TAT) A < 24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays TAT Starts at 6 AM the following day if samples received after 3:00PM		E T=Tube V=VOA P=Pint J=Jar B=Tedlar G=Glass M=Metal C=Can									



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[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/20/2021

Workorder: N045055

Rep sample Temp (Deg C): 2.3/3.6

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/21/2021

Reviewed By: ABC 4/27/2021

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045055

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/20/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045055-001A	CA-MW-110-Q221	4/20/2021 8:52:00 AM	5/4/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-001B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-001C			5/4/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-001D			5/4/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045055-001E			5/4/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-002A	MW-11B-Q221	4/20/2021 9:38:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045055-002B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045055-002C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VW
N045055-002D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045055-003A	SA-MW-12D-Q221	4/20/2021 10:36:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-003B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-003C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045055

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/20/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045055-003D	SA-MW-12D-Q221	4/20/2021 10:36:00 AM	5/4/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-004A	SA-MW-12S-Q221	4/20/2021 11:08:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-004B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-004C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-004D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-005A	MW-936-Q221	4/20/2021 11:18:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-005B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-005C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-005D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045055

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/20/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045055-005D	MW-936-Q221	4/20/2021 11:18:00 AM	5/4/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-006A	SC-MW-21D-Q221	4/20/2021 11:31:00 AM	5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-007A	SC-MW-21S-Q221	4/20/2021 12:11:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-007B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-007C			5/4/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-007D			5/4/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045055-007E			5/4/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-008A	SC-MW-23S-Q221	4/20/2021 1:49:00 PM	5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-009A	SA-RW-22-Q221	4/20/2021 2:35:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-009B			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-010A	SA-RW-23-Q221	4/20/2021 2:20:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-010B			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045055

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/20/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045055-010B	SA-RW-23-Q221	4/20/2021 2:20:00 PM	5/4/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-011A	SA-RW-25-Q221	4/20/2021 2:05:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-011B			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-012A	SC-MW-26D-Q221	4/20/2021 8:40:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-012B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-012C			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-013A	SC-MW-26S-Q221	4/20/2021 9:31:00 AM	5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-014A	SC-MW-60D-Q221	4/20/2021 12:47:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-014B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045055

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/20/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045055-014C	SC-MW-60D-Q221	4/20/2021 12:47:00 PM	5/4/2021	Groundwater	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-014D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-015A	SC-MW-60S-Q221	4/20/2021 1:30:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-015B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-015C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-015D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-016A	SC-MW-61D-Q221	4/20/2021 11:47:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-016B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-016C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-016D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045055

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/20/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045055-016D	SC-MW-61D-Q221	4/20/2021 11:47:00 AM	5/4/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-017A	MW-941-Q221	4/20/2021 11:57:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-017B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-017C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-017D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-018A	SC-MW-61S-Q221	4/20/2021 2:28:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-018B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-018C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-018D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-019A	MW-942-Q221	4/20/2021 2:38:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-019B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

27-Apr-21

WorkOrder: N045055

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/20/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045055-019B	MW-942-Q221	4/20/2021 2:38:00 PM	5/4/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-019C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-019D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-020A	SC-MW-62D-Q221	4/20/2021 10:57:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-020B			5/4/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/4/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045055-020C			5/4/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045055-020D			5/4/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/4/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/4/2021	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/4/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
	5/4/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW			
N045055-021A	MW-943-Q221	4/20/2021 11:07:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-021B			5/4/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/4/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045055-021C			5/4/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045055-021D			5/4/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/4/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	

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WORK ORDER Summary

27-Apr-21

WorkOrder: N045055

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Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/20/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045055-021D	MW-943-Q221	4/20/2021 11:07:00 AM	5/4/2021	Groundwater	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-022A	SC-MW-62S-Q221	4/20/2021 10:23:00 AM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-022B			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-022C			5/4/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045055-022D			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/4/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-023A	SC-MW-22S-Q221	4/20/2021 1:08:00 PM	5/4/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-024A	EB-751-Q221	4/20/2021 2:30:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-025A	EB-752-Q221	4/20/2021 3:00:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-026A	EB-753-Q221	4/20/2021 1:55:00 PM	5/4/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045055-027A	FOLDER	5/4/2021	5/4/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/4/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/4/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

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3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Nana Tep

23-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N045055-001D / CA-MW-110-Q221	Groundwater	4/20/2021 8:52:00 AM	32OZP	1		
N045055-007D / SC-MW-21S-Q221	Groundwater	4/20/2021 12:11:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N45055A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773538606316

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	<u>4/23/2021 1600</u>	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

May 05, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045077

RE: PG&E Hinkley - ATU, 30046045

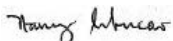
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 21, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N045077

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of sample upon the addition of eluent.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Orthophosphate, Dissolved (as P) in QC samples N045077-001BMS, N045077-001BMSD and N045078-003BMS possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N045077-001EMS and N045077-001EMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - ATU, 30046045

Lab Order: N045077

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045077-001A	PMW-02-Q221	Groundwater	4/21/2021 12:48:00 PM	4/21/2021	5/5/2021
N045077-001B	PMW-02-Q221	Groundwater	4/21/2021 12:48:00 PM	4/21/2021	5/5/2021
N045077-001C	PMW-02-Q221	Groundwater	4/21/2021 12:48:00 PM	4/21/2021	5/5/2021
N045077-001D	PMW-02-Q221	Groundwater	4/21/2021 12:48:00 PM	4/21/2021	5/5/2021
N045077-001E	PMW-02-Q221	Groundwater	4/21/2021 12:48:00 PM	4/21/2021	5/5/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045077
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045077-001

Client Sample ID: PMW-02-Q221
Collection Date: 4/21/2021 12:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210426B	QC Batch: 87264			PrepDate: 4/26/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	560	10	10	mg/L	1	4/26/2021 11:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87264	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/26/2021	RunNo: 152354
Client ID: LCSW	Batch ID: 87264	TestNo: SM2540C	Analysis Date: 4/26/2021	SeqNo: 4188382
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	969.000	10 1000 0	96.9 80 120	

Sample ID: MB-87264	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/26/2021	RunNo: 152354
Client ID: PBW	Batch ID: 87264	TestNo: SM2540C	Analysis Date: 4/26/2021	SeqNo: 4188383
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	ND	10		

Sample ID: N045082-002DDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L	Prep Date: 4/26/2021	RunNo: 152354
Client ID: ZZZZZZ	Batch ID: 87264	TestNo: SM2540C	Analysis Date: 4/26/2021	SeqNo: 4188388
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Dissolved Solids (Residue, Filtera	5470.000	100	5690 3.94	5

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045077
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045077-001

Client Sample ID: PMW-02-Q221
Collection Date: 4/21/2021 12:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210429B	QC Batch: 87270	PrepDate: 4/28/2021	Analyst: CEI
Uranium	11 0.024 0.67	pCi/L	1 4/29/2021 05:08 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87270	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: PBW	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190751
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID: LCS-87270	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: LCSW	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190752
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.261	0.67	6.700	0	108 85 115

Sample ID: N045077-001EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: ZZZZZZ	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190760
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	17.923	0.67	6.700	10.83	106 75 125

Sample ID: N045077-001EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: ZZZZZZ	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190761
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	17.181	0.67	6.700	10.83	94.8 75 125 17.92 4.23 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045077
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045077-001

Client Sample ID: PMW-02-Q221
Collection Date: 4/21/2021 12:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	370	2.5	20		µg/L	100	4/22/2021 09:19 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87203		PrepDate: 4/22/2021		Analyst: CEI		
Chromium	380	0.18	5.0		µg/L	5	4/27/2021 05:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152268	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: PBW	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183801
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152268	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: LCSW	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183802
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.967	0.20	5.000	0	99.3 90 110

Sample ID: N045077-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: ZZZZZ	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183812
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	865.440	20	500.0	368.1	99.5 90 110

Sample ID: N045077-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: ZZZZZ	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183813
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	864.340	20	500.0	368.1	99.3 90 110 865.4 0.127 20

Sample ID: N045076-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: ZZZZZ	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183815
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	211.044	4.0	100.0	109.0	102 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045078-008ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268						
Client ID: ZZZZZZ	Batch ID: R152268	TestNo: EPA 218.6	Analysis Date: 4/22/2021	SeqNo: 4183817							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.097	0.20						1.117	1.79	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87203	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152321						
Client ID: PBW	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186796						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0									
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Sample ID: LCS-87203	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152321						
Client ID: LCSW	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186797						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.162	1.0	10.00	0	102	85	115				
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Sample ID: N045077-001EMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152427						
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191414						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	399.644	5.0	10.00	378.5	211	75	125				S
----------	---------	-----	-------	-------	-----	----	-----	--	--	--	---

Sample ID: N045077-001EMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152427						
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191415						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	399.629	5.0	10.00	378.5	211	75	125	399.6	0.00379	20	S
----------	---------	-----	-------	-------	-----	----	-----	-------	---------	----	---

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID: N045077-001E-PS		SampType: PS	TestCode: 6020DIS_CrP		Units: µg/L	Prep Date:			RunNo: 152427		
Client ID: ZZZZZZ		Batch ID: 87203	TestNo: EPA 6020		EPA 3010A	Analysis Date: 4/27/2021			SeqNo: 4191413		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	399.612	5.0	10.00	378.5	211	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045077
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045077-001

Client Sample ID: PMW-02-Q221
Collection Date: 4/21/2021 12:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/22/2021 09:27 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235				PrepDate:		Analyst: RAB
Nitrate as N	1.6	0.019	0.10		mg/L	2	4/22/2021 09:27 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: MB-R152235_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: PBW	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182418
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) ND 0.10

Sample ID: LCS-R152235_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: LCSW	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182419
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) 1.230 0.10 1.250 0 98.4 90 110

Sample ID: N045077-001BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: ZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182432
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) 3.677 0.20 2.500 0 147 80 120 S

Sample ID: N045077-001BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: ZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182433
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) 3.210 0.20 2.500 0 128 80 120 3.677 13.6 20 S

Sample ID: N045078-003BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: ZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182434
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) 7.777 0.50 6.250 0 124 80 120 S

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out
 E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID: N045078-003BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0	Analysis Date: 4/22/2021	SeqNo: 4182435							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.50						0	0	20	

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: MB-R152235_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: PBW	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182380						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID: LCS-R152235_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: LCSW	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182381						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.234 0.050 1.250 0 98.7 90 110

Sample ID: N045077-001BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182404						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 4.053 0.10 2.500 1.601 98.1 80 120

Sample ID: N045077-001BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182405						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 4.025 0.10 2.500 1.601 96.9 80 120 4.053 0.708 20

Sample ID: N045078-003BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0	Analysis Date: 4/22/2021	SeqNo: 4182406							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 7.776 0.25 6.250 1.822 95.3 80 120

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045077
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045078-003BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182407						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.799	0.25						1.822	1.24	20	
--------------	-------	------	--	--	--	--	--	-------	------	----	--

Sample ID: N045079-001ADUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182410						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	ND	0.10						0	0	20	
--------------	----	------	--	--	--	--	--	---	---	----	--

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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1 of 1

[illegible]

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Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/21/2022 Workorder: N045077
 Rep sample Temp (Deg C): 2.7 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Was Client notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>

Comments: See Correspondence.

Checklist Completed By: YR

YRJ

4/22/2021

Reviewed By:

ABC

4/27/2021

Subject: Re: PG&E Hinkley - ATU, 30046045 (ASSET Labs No. N045077)
From: "Madsen, Laura" <Laura.Madsen@arcadis.com>
Date: 4/22/2021, 4:49 PM
To: Yoandra Rodriguez <yoandra@assetlaboratories.com>
CC: Tina Rice <Tina.Rice@critigen.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>, "rustico.aquino@assetlaboratoriesph.com" <rustico.aquino@assetlaboratoriesph.com>

Hi Yoandra,
The labels are the correct time.

Thanks
Laura

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From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Sent: Thursday, April 22, 2021 6:38:33 PM
To: Madsen, Laura <Laura.Madsen@arcadis.com>
Cc: Tina Rice <Tina.Rice@critigen.com>; maryann.balilu@assetlaboratoriesph.com <maryann.balilu@assetlaboratoriesph.com>; rustico.aquino@assetlaboratoriesph.com <rustico.aquino@assetlaboratoriesph.com>
Subject: PG&E Hinkley - ATU, 30046045 (ASSET Labs No. N045077)

Hi Laura,

Please kindly advise on the following discrepancy for the attached COC:

- Collection time is 0944 on COC and 1248 on labels.

--

Thanks,

Yoandra Rodriguez

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California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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WORK ORDER Summary

27-Apr-21

WorkOrder: N045077

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 4/21/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045077-001A	PMW-02-Q221	4/21/2021 12:48:00 PM	5/5/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045077-001B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045077-001C			5/5/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045077-001D			5/5/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045077-001E			5/5/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045077-002A	FOLDER	5/5/2021	5/5/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/5/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/5/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV

Subcontractor:

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Andrew Phan

23-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests			
				EPA 900.0			
N045077-001D / PMW-02-Q221	Groundwater	4/21/2021 12:48:00 PM	32OZP	1	(MS/MSD)		

Please run MS/MSD

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N45077A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773538606316

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	4/23/2021 1600	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

May 05, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045078

RE: PG&E Hinkley - COMP B, 30046045

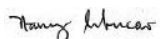
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 21, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045078

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (3.3 ug/L) and hexavalent chromium (0 ug/L) for sample N045078-009 (PMW-03-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Orthophosphate, Dissolved (as P) in QC samples N045077-001BMS, N045077-001BMDS and N045078-003BMS possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery for Iron in QC sample N045055-021D-MS and N045055-021D-MSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045078

CASE NARRATIVE

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (3.3 ug/L) and hexavalent chromium (0 ug/L) for sample N045078-009 (PMW-03-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.4 and 3.2 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N045077-001EMS and N045077-001EMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Manganese in QC samples N045077-001EMS and N045077-001EMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045078
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045078-001A	SA-RW-57-EXT-Q221	Groundwater	4/21/2021 1:20:00 PM	4/21/2021	5/5/2021
N045078-001B	SA-RW-57-EXT-Q221	Groundwater	4/21/2021 1:20:00 PM	4/21/2021	5/5/2021
N045078-001C	SA-RW-57-EXT-Q221	Groundwater	4/21/2021 1:20:00 PM	4/21/2021	5/5/2021
N045078-002A	SA-MW-11S-Q221	Groundwater	4/21/2021 8:40:00 AM	4/21/2021	5/5/2021
N045078-002B	SA-MW-11S-Q221	Groundwater	4/21/2021 8:40:00 AM	4/21/2021	5/5/2021
N045078-002C	SA-MW-11S-Q221	Groundwater	4/21/2021 8:40:00 AM	4/21/2021	5/5/2021
N045078-002D	SA-MW-11S-Q221	Groundwater	4/21/2021 8:40:00 AM	4/21/2021	5/5/2021
N045078-003A	SA-MW-13S-Q221	Groundwater	4/21/2021 11:11:00 AM	4/21/2021	5/5/2021
N045078-003B	SA-MW-13S-Q221	Groundwater	4/21/2021 11:11:00 AM	4/21/2021	5/5/2021
N045078-003C	SA-MW-13S-Q221	Groundwater	4/21/2021 11:11:00 AM	4/21/2021	5/5/2021
N045078-003D	SA-MW-13S-Q221	Groundwater	4/21/2021 11:11:00 AM	4/21/2021	5/5/2021
N045078-004A	SA-MW-15S-Q221	Groundwater	4/21/2021 12:44:00 PM	4/21/2021	5/5/2021
N045078-004B	SA-MW-15S-Q221	Groundwater	4/21/2021 12:44:00 PM	4/21/2021	5/5/2021
N045078-004C	SA-MW-15S-Q221	Groundwater	4/21/2021 12:44:00 PM	4/21/2021	5/5/2021
N045078-004D	SA-MW-15S-Q221	Groundwater	4/21/2021 12:44:00 PM	4/21/2021	5/5/2021
N045078-004E	SA-MW-15S-Q221	Groundwater	4/21/2021 12:44:00 PM	4/21/2021	5/5/2021
N045078-005A	PT2-MW-10-Q221	Groundwater	4/21/2021 1:51:00 PM	4/21/2021	5/5/2021
N045078-005B	PT2-MW-10-Q221	Groundwater	4/21/2021 1:51:00 PM	4/21/2021	5/5/2021
N045078-005C	PT2-MW-10-Q221	Groundwater	4/21/2021 1:51:00 PM	4/21/2021	5/5/2021
N045078-005D	PT2-MW-10-Q221	Groundwater	4/21/2021 1:51:00 PM	4/21/2021	5/5/2021
N045078-006A	SA-MW-18D-Q221	Groundwater	4/21/2021 10:30:00 AM	4/21/2021	5/5/2021
N045078-007A	SA-MW-18S-Q221	Groundwater	4/21/2021 9:45:00 AM	4/21/2021	5/5/2021
N045078-007B	SA-MW-18S-Q221	Groundwater	4/21/2021 9:45:00 AM	4/21/2021	5/5/2021
N045078-007C	SA-MW-18S-Q221	Groundwater	4/21/2021 9:45:00 AM	4/21/2021	5/5/2021
N045078-007D	SA-MW-18S-Q221	Groundwater	4/21/2021 9:45:00 AM	4/21/2021	5/5/2021
N045078-008A	SC-MW-01D-Q221	Groundwater	4/21/2021 2:49:00 PM	4/21/2021	5/5/2021
N045078-008B	SC-MW-01D-Q221	Groundwater	4/21/2021 2:49:00 PM	4/21/2021	5/5/2021
N045078-008C	SC-MW-01D-Q221	Groundwater	4/21/2021 2:49:00 PM	4/21/2021	5/5/2021
N045078-008D	SC-MW-01D-Q221	Groundwater	4/21/2021 2:49:00 PM	4/21/2021	5/5/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045078
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045078-009A	PMW-03-Q221	Groundwater	4/21/2021 11:56:00 AM	4/21/2021	5/5/2021
N045078-009B	PMW-03-Q221	Groundwater	4/21/2021 11:56:00 AM	4/21/2021	5/5/2021
N045078-009C	PMW-03-Q221	Groundwater	4/21/2021 11:56:00 AM	4/21/2021	5/5/2021
N045078-010A	PMW-05-Q221	Groundwater	4/21/2021 9:44:00 AM	4/21/2021	5/5/2021
N045078-010B	PMW-05-Q221	Groundwater	4/21/2021 9:44:00 AM	4/21/2021	5/5/2021
N045078-010C	PMW-05-Q221	Groundwater	4/21/2021 9:44:00 AM	4/21/2021	5/5/2021
N045078-011A	PMW-01-Q221	Groundwater	4/21/2021 1:42:00 PM	4/21/2021	5/5/2021
N045078-011B	PMW-01-Q221	Groundwater	4/21/2021 1:42:00 PM	4/21/2021	5/5/2021
N045078-011C	PMW-01-Q221	Groundwater	4/21/2021 1:42:00 PM	4/21/2021	5/5/2021
N045078-012A	MW-78S-Q221	Groundwater	4/21/2021 12:56:00 PM	4/21/2021	5/5/2021
N045078-012B	MW-78S-Q221	Groundwater	4/21/2021 12:56:00 PM	4/21/2021	5/5/2021
N045078-012C	MW-78S-Q221	Groundwater	4/21/2021 12:56:00 PM	4/21/2021	5/5/2021
N045078-012D	MW-78S-Q221	Groundwater	4/21/2021 12:56:00 PM	4/21/2021	5/5/2021
N045078-013A	EB-754-Q221	Groundwater	4/21/2021 3:05:00 PM	4/21/2021	5/5/2021
N045078-014A	EB-755-Q221	Groundwater	4/21/2021 1:30:00 PM	4/21/2021	5/5/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-004

Client Sample ID: SA-MW-15S-Q221
Collection Date: 4/21/2021 12:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210426B	QC Batch: 87264			PrepDate: 4/26/2021	Analyst: LR
Total Dissolved Solids (Residue, Filterable)	1400	17	17	mg/L	4/26/2021 11:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87264	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/26/2021			RunNo: 152354		
Client ID: LCSW	Batch ID: 87264	TestNo: SM2540C				Analysis Date: 4/26/2021			SeqNo: 4188382		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	969.000	10	1000	0	96.9	80	120				

Sample ID: MB-87264	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/26/2021			RunNo: 152354		
Client ID: PBW	Batch ID: 87264	TestNo: SM2540C				Analysis Date: 4/26/2021			SeqNo: 4188383		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID: N045082-002DDUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 4/26/2021			RunNo: 152354		
Client ID: ZZZZZZ	Batch ID: 87264	TestNo: SM2540C				Analysis Date: 4/26/2021			SeqNo: 4188388		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	5470.000	100						5690	3.94	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-004

Client Sample ID: SA-MW-15S-Q221
Collection Date: 4/21/2021 12:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP8_210429B	QC Batch: 87270	PrepDate: 4/28/2021	Analyst: CEI
Uranium	46 0.024 0.67	pCi/L	1 4/29/2021 05:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID: MB-87270	SampType: MBLK	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: PBW	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190751
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	ND	0.67			

Sample ID: LCS-87270	SampType: LCS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: LCSW	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190752
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	7.261	0.67	6.700	0	108 85 115

Sample ID: N045077-001EMS	SampType: MS	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: ZZZZZZ	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190760
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	17.923	0.67	6.700	10.83	106 75 125

Sample ID: N045077-001EMSD	SampType: MSD	TestCode: 200.8DIS_U_	Units: pCi/L	Prep Date: 4/28/2021	RunNo: 152418
Client ID: ZZZZZZ	Batch ID: 87270	TestNo: EPA 200.8		Analysis Date: 4/29/2021	SeqNo: 4190761
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Uranium	17.181	0.67	6.700	10.83	94.8 75 125 17.92 4.23 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-001

Client Sample ID: SA-RW-57-EXT-Q221
Collection Date: 4/21/2021 1:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	390	2.5	20		µg/L	100	4/22/2021 09:29 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87203		PrepDate: 4/22/2021		Analyst: CEI		
Chromium	410	0.18	5.0		µg/L	5	4/27/2021 05:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-002

Client Sample ID: SA-MW-11S-Q221
Collection Date: 4/21/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	100	0.25	2.0		µg/L	10	4/22/2021 09:38 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203		PrepDate: 4/22/2021		Analyst: CEI		
Chromium	100	0.035	1.0		µg/L	1	4/23/2021 12:15 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-003

Client Sample ID: SA-MW-13S-Q221
Collection Date: 4/21/2021 11:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1400	5.0	40		µg/L	200	4/22/2021 09:48 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87203		PrepDate: 4/22/2021		Analyst: CEI		
Chromium	1400	0.35	10		µg/L	10	4/27/2021 05:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-004

Client Sample ID: SA-MW-15S-Q221
Collection Date: 4/21/2021 12:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	26	0.13	1.0		µg/L	5	4/22/2021 09:57 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203		PrepDate: 4/22/2021		Analyst: CEI		
Chromium	28	0.035	1.0		µg/L	1	4/23/2021 12:38 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-005

Client Sample ID: PT2-MW-10-Q221
Collection Date: 4/21/2021 1:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	460	1.3	10		µg/L	50	4/22/2021 10:10 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87203		PrepDate: 4/22/2021		Analyst: CEI		
Chromium	470	0.18	5.0		µg/L	5	4/27/2021 05:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-007

Client Sample ID: SA-MW-18S-Q221
Collection Date: 4/21/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	290	1.3	10		µg/L	50	4/22/2021 10:21 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87203		PrepDate:		Analyst: CEI		
Chromium	290	0.18	5.0		µg/L	5	4/27/2021 05:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-008

Client Sample ID: SC-MW-01D-Q221
Collection Date: 4/21/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.1	0.025	0.20		µg/L	1	4/22/2021 11:27 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203		PrepDate: 4/22/2021		Analyst: CEI		
Chromium	1.5	0.035	1.0		µg/L	1	4/23/2021 12:56 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-009

Client Sample ID: PMW-03-Q221
Collection Date: 4/21/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/22/2021 11:46 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203		PrepDate: 4/22/2021		Analyst: CEI		
Chromium	3.3	0.035	1.0		µg/L	1	4/23/2021 01:01 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-010

Client Sample ID: PMW-05-Q221
Collection Date: 4/21/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/22/2021 11:55 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate:	4/22/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/23/2021 01:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-011

Client Sample ID: PMW-01-Q221
Collection Date: 4/21/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/22/2021 12:05 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate:	4/22/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/23/2021 01:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-012

Client Sample ID: MW-78S-Q221
Collection Date: 4/21/2021 12:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210422A	QC Batch: R152268		PrepDate:		Analyst: RAB		
Hexavalent Chromium	8.3	0.025	0.20		µg/L	1	4/22/2021 12:14 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203		PrepDate:		Analyst: CEI		
Chromium	8.0	0.035	1.0		µg/L	1	4/23/2021 01:19 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-013

Client Sample ID: EB-754-Q221
Collection Date: 4/21/2021 3:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210422A	QC Batch: R152268	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/22/2021 12:43 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-014

Client Sample ID: EB-755-Q221
Collection Date: 4/21/2021 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210422A	QC Batch: R152268	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/22/2021 12:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152268	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: PBW	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183801
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152268	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: LCSW	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183802
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.967	0.20	5.000	0	99.3 90 110

Sample ID: N045077-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: ZZZZZ	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183812
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	865.440	20	500.0	368.1	99.5 90 110

Sample ID: N045077-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: ZZZZZ	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183813
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	864.340	20	500.0	368.1	99.3 90 110 865.4 0.127 20

Sample ID: N045076-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268
Client ID: ZZZZZ	Batch ID: R152268	TestNo: EPA 218.6		Analysis Date: 4/22/2021	SeqNo: 4183815
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	211.044	4.0	100.0	109.0	102 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045078-008ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152268						
Client ID: ZZZZZZ	Batch ID: R152268	TestNo: EPA 218.6	Analysis Date: 4/22/2021	SeqNo: 4183817							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.097	0.20						1.117	1.79	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87203	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152321						
Client ID: PBW	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186796						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID: LCS-87203	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152321						
Client ID: LCSW	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186797						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.162 1.0 10.00 0 102 85 115

Sample ID: N045077-001EMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152427						
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191414						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 399.644 5.0 10.00 378.5 211 75 125 S

Sample ID: N045077-001EMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152427						
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191415						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 399.629 5.0 10.00 378.5 211 75 125 399.6 0.00379 20 S

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID: N045077-001E-PS		SampType: PS		TestCode: 6020DIS_CrP		Units: µg/L		Prep Date:		RunNo: 152427			
Client ID: ZZZZZZ		Batch ID: 87203		TestNo: EPA 6020		EPA 3010A		Analysis Date: 4/27/2021		SeqNo: 4191413			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium		399.612		5.0	10.00	378.5	211	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-001

Client Sample ID: SA-RW-57-EXT-Q221
Collection Date: 4/21/2021 1:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235	PrepDate:	Analyst: RAB
Nitrate as N	10 0.095 0.50	mg/L	10 4/22/2021 01:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-002

Client Sample ID: SA-MW-11S-Q221
Collection Date: 4/21/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50		mg/L	5	4/22/2021 10:56 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235				PrepDate:		Analyst: RAB
Nitrate as N	4.9	0.048	0.25		mg/L	5	4/22/2021 10:56 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-003

Client Sample ID: SA-MW-13S-Q221
Collection Date: 4/21/2021 11:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235						Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50		mg/L	5	4/22/2021 09:42 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235						Analyst: RAB
Nitrate as N	1.8	0.048	0.25		mg/L	5	4/22/2021 09:42 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-004

Client Sample ID: SA-MW-15S-Q221
Collection Date: 4/21/2021 12:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A **QC Batch:** R152235 **PrepDate:** **Analyst:** RAB
 Nitrate as N 13 0.095 0.50 mg/L 10 4/22/2021 05:06 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-005

Client Sample ID: PT2-MW-10-Q221
Collection Date: 4/21/2021 1:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/22/2021 11:26 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235				PrepDate:		Analyst: RAB
Nitrate as N	4.7	0.048	0.25		mg/L	5	4/22/2021 12:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-006

Client Sample ID: SA-MW-18D-Q221
Collection Date: 4/21/2021 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235	PrepDate:	Analyst: RAB
Orthophosphate, Dissolved (as P)	ND 0.19	0.20	mg/L 2 4/22/2021 11:41 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-007

Client Sample ID: SA-MW-18S-Q221
Collection Date: 4/21/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235	PrepDate:	Analyst: RAB
Nitrate as N	3.3 0.048 0.25	mg/L	5 4/22/2021 11:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-008

Client Sample ID: SC-MW-01D-Q221
Collection Date: 4/21/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235	PrepDate:	Analyst: RAB
Nitrate as N	9.5 0.095 0.50	mg/L	10 4/22/2021 12:10 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-009

Client Sample ID: PMW-03-Q221
Collection Date: 4/21/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	2.6	0.19	0.20		mg/L	2	4/22/2021 09:57 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235				PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10		mg/L	2	4/22/2021 09:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-010

Client Sample ID: PMW-05-Q221
Collection Date: 4/21/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/22/2021 10:12 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A	QC Batch: R152235			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10	mg/L	2	4/22/2021 10:12 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-012

Client Sample ID: MW-78S-Q221
Collection Date: 4/21/2021 12:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210422A **QC Batch:** R152235 **PrepDate:** **Analyst:** RAB
 Nitrate as N 0.78 0.0095 0.050 mg/L 1 4/22/2021 12:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: MB-R152235_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: PBW	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182418
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) ND 0.10

Sample ID: LCS-R152235_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: LCSW	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182419
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) 1.230 0.10 1.250 0 98.4 90 110

Sample ID: N045077-001BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: ZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182432
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) 3.677 0.20 2.500 0 147 80 120 S

Sample ID: N045077-001BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: ZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182433
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) 3.210 0.20 2.500 0 128 80 120 3.677 13.6 20 S

Sample ID: N045078-003BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235
Client ID: ZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182434
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Orthophosphate, Dissolved (as P) 7.777 0.50 6.250 0 124 80 120 S

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out
 E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID: N045078-003BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0	Analysis Date: 4/22/2021	SeqNo: 4182435							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.50						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: MB-R152235_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: PBW	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182380						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID: LCS-R152235_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: LCSW	Batch ID: R152235	TestNo: EPA 300.0	Analysis Date: 4/22/2021	SeqNo: 4182381							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.234 0.050 1.250 0 98.7 90 110

Sample ID: N045077-001BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0	Analysis Date: 4/22/2021	SeqNo: 4182404							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 4.053 0.10 2.500 1.601 98.1 80 120

Sample ID: N045077-001BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182405						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 4.025 0.10 2.500 1.601 96.9 80 120 4.053 0.708 20

Sample ID: N045078-003BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182406						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 7.776 0.25 6.250 1.822 95.3 80 120

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045078-003BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182407						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.799	0.25						1.822	1.24	20	
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Sample ID: N045079-001ADUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152235						
Client ID: ZZZZZZ	Batch ID: R152235	TestNo: EPA 300.0		Analysis Date: 4/22/2021	SeqNo: 4182410						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	ND	0.10						0	0	20	
--------------	----	------	--	--	--	--	--	---	---	----	--

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-002

Client Sample ID: SA-MW-11S-Q221
Collection Date: 4/21/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-003

Client Sample ID: SA-MW-13S-Q221
Collection Date: 4/21/2021 11:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 02:06 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-005

Client Sample ID: PT2-MW-10-Q221
Collection Date: 4/21/2021 1:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 02:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-007

Client Sample ID: SA-MW-18S-Q221
Collection Date: 4/21/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 02:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-008

Client Sample ID: SC-MW-01D-Q221
Collection Date: 4/21/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 02:52 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-011

Client Sample ID: PMW-01-Q221
Collection Date: 4/21/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 03:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-012

Client Sample ID: MW-78S-Q221
Collection Date: 4/21/2021 12:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 03:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152329	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152329			
Client ID: PBW	Batch ID: R152329	TestNo: SM 5310C		Analysis Date: 4/27/2021				SeqNo: 4187257			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	1.0									

Sample ID: LCS-R152329	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152329			
Client ID: LCSW	Batch ID: R152329	TestNo: SM 5310C		Analysis Date: 4/27/2021				SeqNo: 4187258			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	5.103	1.0	5.000	0	102	85	115				

Sample ID: N045112-013CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152329			
Client ID: ZZZZZZ	Batch ID: R152329	TestNo: SM 5310C		Analysis Date: 4/27/2021				SeqNo: 4187260			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	5.548	1.0	5.000	0.5300	100	75	125				

Sample ID: N045112-013CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:				RunNo: 152329			
Client ID: ZZZZZZ	Batch ID: R152329	TestNo: SM 5310C		Analysis Date: 4/27/2021				SeqNo: 4187261			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	5.740	1.0	5.000	0.5300	104	75	125	5.548	3.40	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-001

Client Sample ID: SA-RW-57-EXT-Q221
Collection Date: 4/21/2021 1:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	32	18	20		ug/L	1	4/23/2021 05:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-002

Client Sample ID: SA-MW-11S-Q221
Collection Date: 4/21/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	100	18	20		ug/L	1	4/23/2021 05:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT:	ARCADIS U.S., Inc. - California	Client Sample ID:	SA-MW-13S-Q221
Lab Order:	N045078	Collection Date:	4/21/2021 11:11:00 AM
Project:	PG&E Hinkley - COMP B, 30046045	Matrix:	GROUNDWATER
Lab ID:	N045078-003		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	61	18	20		ug/L	1	4/23/2021 05:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-005

Client Sample ID: PT2-MW-10-Q221
Collection Date: 4/21/2021 1:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 05:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-007

Client Sample ID: SA-MW-18S-Q221
Collection Date: 4/21/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	150	18	20		ug/L	1	4/23/2021 05:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-008

Client Sample ID: SC-MW-01D-Q221
Collection Date: 4/21/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 05:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-011

Client Sample ID: PMW-01-Q221
Collection Date: 4/21/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	9100	18	20		ug/L	1	4/23/2021 05:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-012

Client Sample ID: MW-78S-Q221
Collection Date: 4/21/2021 12:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210423C	QC Batch: 87219			PrepDate:	4/22/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/23/2021 05:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87219	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: PBW	Batch ID: 87219	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183910
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS-87219	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: LCSW	Batch ID: 87219	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183911
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	89.492	20	100.0	0	89.5 85 115

Sample ID: N045055-021D-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: ZZZZZZ	Batch ID: 87219	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183919
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	95.753	20	100.0	127.1	-31.4 75 125 S

Sample ID: N045055-021D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/22/2021	RunNo: 152271
Client ID: ZZZZZZ	Batch ID: 87219	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2021	SeqNo: 4183920
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	88.645	20	100.0	127.1	-38.5 75 125 95.75 7.71 20 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N045055-021D-PS		SampType: PS	TestCode: 6010_WDPG		Units: ug/L	Prep Date:			RunNo: 152271		
Client ID: ZZZZZZ		Batch ID: 87219	TestNo: EPA 6010B		EPA 3010A	Analysis Date: 4/23/2021			SeqNo: 4183918		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	93.506	20	100.0	127.1	-33.6	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-001

Client Sample ID: SA-RW-57-EXT-Q221
Collection Date: 4/21/2021 1:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate:	4/22/2021	Analyst: CEI	
Manganese	ND	0.026	0.50		µg/L	1	4/23/2021 12:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-002

Client Sample ID: SA-MW-11S-Q221
Collection Date: 4/21/2021 8:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate: 4/22/2021		Analyst: CEI
Arsenic	0.49	0.050	0.10	µg/L	1	4/23/2021 12:15 AM
Manganese	1.3	0.026	0.50	µg/L	1	4/23/2021 12:15 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-003

Client Sample ID: SA-MW-13S-Q221
Collection Date: 4/21/2021 11:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate: 4/22/2021		Analyst: CEI
Arsenic	11	0.050	0.10	µg/L	1	4/23/2021 12:32 AM
Manganese	110	0.026	0.50	µg/L	1	4/23/2021 12:32 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-005

Client Sample ID: PT2-MW-10-Q221
Collection Date: 4/21/2021 1:51:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate: 4/22/2021		Analyst: CEI
Arsenic	1.5	0.050	0.10	µg/L	1	4/23/2021 12:44 AM
Manganese	1.3	0.026	0.50	µg/L	1	4/23/2021 12:44 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-007

Client Sample ID: SA-MW-18S-Q221
Collection Date: 4/21/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate: 4/22/2021		Analyst: CEI
Arsenic	1.0	0.050	0.10	µg/L	1	4/23/2021 12:50 AM
Manganese	ND	0.026	0.50	µg/L	1	4/23/2021 12:50 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-008

Client Sample ID: SC-MW-01D-Q221
Collection Date: 4/21/2021 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate: 4/22/2021		Analyst: CEI
Arsenic	1.9	0.050	0.10	µg/L	1	4/23/2021 12:56 AM
Manganese	0.75	0.026	0.50	µg/L	1	4/23/2021 12:56 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-009

Client Sample ID: PMW-03-Q221
Collection Date: 4/21/2021 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87203			PrepDate:	4/22/2021	Analyst: CEI	
Manganese	1500	0.26	5.0		µg/L	10	4/27/2021 06:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-010

Client Sample ID: PMW-05-Q221
Collection Date: 4/21/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87203			PrepDate:	4/22/2021	Analyst: CEI	
Manganese	2300	0.66	12		µg/L	25	4/27/2021 06:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-011

Client Sample ID: PMW-01-Q221
Collection Date: 4/21/2021 1:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate:	4/22/2021	Analyst: CEI	
Arsenic	40	0.050	0.10		µg/L	1	4/23/2021 01:13 AM
Manganese	1100	0.26	5.0		µg/L	10	4/27/2021 06:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 05-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045078
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045078-012

Client Sample ID: MW-78S-Q221
Collection Date: 4/21/2021 12:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210422C	QC Batch: 87203			PrepDate: 4/22/2021		Analyst: CEI
Arsenic	1.4	0.050	0.10	µg/L	1	4/23/2021 01:19 AM
Manganese	1.5	0.026	0.50	µg/L	1	4/23/2021 01:19 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87203	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152321
Client ID: PBW	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186854
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID: LCS-87203	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152321
Client ID: LCSW	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186855
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.402	0.10	10.00	0	104 85 115
Manganese	102.083	0.50	100.0	0	102 85 115

Sample ID: N045077-001EMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152321
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/22/2021	SeqNo: 4186860
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	20.989	0.10	20.00	0.9245	100 75 125
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Sample ID: N045077-001EMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152321
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/23/2021	SeqNo: 4186861
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	21.514	0.10	20.00	0.9245	103 75 125 20.99 2.47 20
---------	--------	------	-------	--------	--------------------------

Sample ID: N045077-001EMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152427
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191464
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese	216.944	2.5	100.0	13.24	204 75 125 S
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL SCIENCE

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ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID: N045077-001EMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/22/2021	RunNo: 152427						
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191465						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	218.212	2.5	100.0	13.24	205	75	125	216.9	0.583	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045078
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: N045077-001E-PS	SampType: PS	TestCode: 6020_DIS		Units: µg/L	Prep Date:				RunNo: 152321		
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020		EPA 3010A	Analysis Date: 4/22/2021				SeqNo: 4186859		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	21.253	0.10	20.00	0.9245	102	80	120				

Sample ID: N045077-001E-PS	SampType: PS	TestCode: 6020_DIS		Units: µg/L	Prep Date:				RunNo: 152427		
Client ID: ZZZZZZ	Batch ID: 87203	TestNo: EPA 6020		EPA 3010A	Analysis Date: 4/27/2021				SeqNo: 4191463		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	217.475	2.5	100.0	13.24	204	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

**ASSET LABORATORIES**

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ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page

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P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		EDD Requirement		QA/QC		Sample Receipt Condition											
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: tonya.russi@arcadis.com daniel.moore@crittgen.com		Email to: lisa.kellogg@arcadis.com		P.O.# PENDING		Fax:											
Phone: 1 916 865 3168		Fax:		Phone: 951.677.0577		Fax:		Specify: EQ EDD		Global ID:		Specify State:											
Submitted By: <u>Brian Martinez</u>		Title: <u>Field Tech</u>		Signature: <u>[Signature]</u> Date: <u>4/21/21</u>		Sampled By: <u>Andrew Am...</u>		Ground-water		x Sediment		Potable											
Project Name: PG&E Hinkley - COMP B		Project Number: 30046045		Signature: <u>[Signature]</u> Date: <u>4/21/21</u>		Matrix		Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C, 250 ml Poly		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		Anions (E300.0) NO3N; 4°C; 1000ml Poly											
						TDS (SM2540C); 4°C; 1000ml Poly		Gross Alpha (E900); HNO3; 2x1000ml Poly		Gross Beta (E900); HNO3; 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C 3x40 ml VOA											
						Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly		Metals Dissolved (6010BD16) Fe; HNO3, 4°C; 500 ml Poly		Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly		Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly											
						Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly		Eosine, Fluorescein; 4°C (blue ice); 50ml Centrifuge tube															
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C, 250 ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha (E900); HNO3; 2x1000ml Poly	Gross Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6010BD16) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	Eosine, Fluorescein; 4°C (blue ice); 50ml Centrifuge tube	Turn Around Time	No. of Container	Remarks		
	N045078-01	SA-RW-57-EXT-Q221	4/21/2021	1320		X	X						X	X	X	X	X		6				
	-02	SA-MW-11S-Q221	4/21/2021	0840		X	X	X					X	X	X	X	X		6				
	-03	SA-MW-13S-Q221	4/21/2021	1111		X	X	X					X	X	X	X	X		6				
	-04	SA-MW-15S-Q221	4/21/2021	1244		X	X		X	X	X						X		6				
	-05	PT2-MW-10-Q221	4/21/2021	1351		X	X	X					X	X	X	X	X		6				
	-06	SA-MW-18D-Q221	4/21/2021	1030				X											1				
	-07	SA-MW-18S-Q221	4/21/2021	0945		X	X						X	X	X	X	X		6				
	-08	SC-MW-01D-Q221	4/21/2021	1449		X	X						X	X	X	X	X		6				
Relinquished by (Signature and Printed Name): <u>[Signature]</u> Date/Time: <u>4/21/21 1545</u>						Relinquished by (Signature and Printed Name): <u>[Signature]</u> Date/Time: <u>4/21/21 1545</u>						Turn Around Time (TAT)						Special Instruction:					
Relinquished by (Signature and Printed Name): <u>[Signature]</u> Date/Time: <u>4/21/21 1911</u>						Relinquished by (Signature and Printed Name): <u>[Signature]</u> Date/Time: <u>4/21/21 1911</u>						<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays											
Terms: 1. All samples will be disposed in 45 days and reports will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days. surcharges will apply for rush analysis. 3. Custom CDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on						5. Top (Matrix and Equipment) blanks are titratable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are not 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For substandard analysis, TAT and Surcharges will vary.						Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH						Container Type: T=Tube V=VOA P=Pinl J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can					



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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russ Company: Arcadis Email: tonya.russ@arcadis.com daniel.moore@erilgen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577		P.O.# PENDING Fax:		EDD Requirement Excel EDD Geotracker LabSpec Others Specify: EQ EDD Global ID:		QA/QC RTNE RWQCB CaTrans LEVEL III LEVEL IV Regulatory Specify State:		Sample Receipt Condition 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling: ICE Sample Temp: 4.30C / 2.78C Courier: KST Tracking No.:			
Phone: 1 916 865 3168 Submitted By: Brian Martinez Title: Field Tech Signature: <i>[Signature]</i> Date: 4/21/21 I hereby authorize ASSET Labs to perform the tests indicated below.		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: Sampled By: Andrew An Date: 01/21/21 Signature: <i>[Signature]</i>		Ground-water Potable NPDES Surface Matrix x Sediment Soil Other Solid		Cr(VI) (E218.5) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly Anions (E300.0) SO4; 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha (E900); HNO3; 2x1000ml Poly Gross Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X/40 ml VOA Metals Dissolved (E020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (E010BDig) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (E020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (E020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly Eosine, Fluorescein; 4°C (blue ice); 50ml Centrifuge tube									
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others								Turn Around Time	No. of Container	Remarks
	N045078-09	PMW-03-Q221 *	4/21/2021	1156	X	X	X						E	3	
	-10	PMW-05-Q221 *	4/21/2021	0944	X	X	X						E	3	
	-11	PMW-01-Q221 *	4/21/2021	1342	X								E	5	
	-12	MW-78S-Q221 *	4/21/2021	1256	X	X							E	6	
	-13	EB-754-Q221 *	4/21/2021	1505	X								E	1	
	-14	EB-755-Q221 *	4/21/2021	1330	X								E	1	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Brian Martinez 4/21/21		Date/Time: 4/21/21 1545		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Alcantara 4/21/21		Date/Time: 4/21/21 1911		Turn Around Time (TAT) A < 24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays X E = Routine 5-7 Workdays		Special Instruction:					
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Alcantara 4/21/21		Date/Time: 4/21/21 1911		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Alcantara 4/21/21		Date/Time: 4/21/21 1911		TAT Starts at 8 AM the following day if samples received after 3:00PM.							
Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Alcantara 4/21/21		Date/Time: 4/21/21 1911		Relinquished by (Signature and Printed Name): <i>[Signature]</i> Romeo Alcantara 4/21/21		Date/Time: 4/21/21 1911		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH M=Metal		E T=Tube V=VOA P=Pin J=Jar B=Bedlar G=Glass M=Metal C=Can					
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Less than 24 Hrs <200% Next Day=100% 2 Workdays=35% 3 Workdays=20% 4 Workdays=20% 4. Customer (300) remote fee: fee an additional 10% of the total project price.		5. Trip Blank and Equipment Blank are suitable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.													

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/21/2021

Workorder: N045078

Rep sample Temp (Deg C): 4.3/2.7

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/22/2021

Reviewed By: ABC 4/27/2021

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045078

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/21/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045078-001A	SA-RW-57-EXT-Q221	4/21/2021 1:20:00 PM	5/5/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-001B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-001C			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-002A	SA-MW-11S-Q221	4/21/2021 8:40:00 AM	5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-002B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-002C			5/5/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045078-002D			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	SA-MW-13S-Q221	4/21/2021 11:11:00 AM	5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-003A			5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-003B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-003C			5/5/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045078-003D			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045078

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/21/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045078-003D	SA-MW-13S-Q221	4/21/2021 11:11:00 AM	5/5/2021	Groundwater	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-004A	SA-MW-15S-Q221	4/21/2021 12:44:00 PM	5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-004B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-004C			5/5/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-004D			5/5/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045078-004E			5/5/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-005A	PT2-MW-10-Q221	4/21/2021 1:51:00 PM	5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-005B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-005C			5/5/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045078-005D			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-006A	SA-MW-18D-Q221	4/21/2021 10:30:00 AM	5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045078

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/21/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045078-007A	SA-MW-18S-Q221	4/21/2021 9:45:00 AM	5/5/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-007B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-007C			5/5/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045078-007D			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-008A	SC-MW-01D-Q221	4/21/2021 2:49:00 PM	5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-008B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-008C			5/5/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045078-008D			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-009A	PMW-03-Q221	4/21/2021 11:56:00 AM	5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-009B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-009C			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

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WORK ORDER Summary

22-Apr-21

WorkOrder: N045078

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/21/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045078-010A	PMW-05-Q221	4/21/2021 9:44:00 AM	5/5/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-010B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-010C			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	PMW-01-Q221	4/21/2021 1:42:00 PM	5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-011A			5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-011B			5/5/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045078-011C			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	MW-78S-Q221	4/21/2021 12:56:00 PM	5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-012A			5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-012B			5/5/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-012C			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	EB-754-Q221	4/21/2021 3:05:00 PM	5/5/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-012D			5/5/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045078-013A			5/5/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/5/2021							

ASSET Laboratories

WORK ORDER Summary

22-Apr-21

WorkOrder: N045078

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/21/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045078-014A	EB-755-Q221	4/21/2021 1:30:00 PM	5/5/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045078-015A	FOLDER	5/5/2021	5/5/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/5/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/5/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV

Subcontractor:

Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601

TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Andrew Phan

23-Apr-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N045078-004D / SA-MW-15S-Q221	Groundwater	4/21/2021 12:44:00 PM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N45078A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Gross A/B by EPA 900.0. EDD requirement Labspec7 edata.

Fedex #: 773538606316

	Date/Time		Date/Time
Relinquished by: <u>YLT</u>	4/23/2021 1600	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

May 06, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045111

RE: PG&E Hinkley - GMP, 30046045

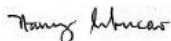
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 22, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045111

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 300.0:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Orthophosphate, Dissolved (as P) in QC samples N045112-013BMSD and N045112-014BMS possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Sample Duplicate N045112-014BDUP is outside criteria; however, the associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N045112-013DMS and N045112-013DMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



ASSET Laboratories

Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N045111**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045111-001A	MW-03-Q221	Groundwater	4/22/2021 10:41:00 AM	4/22/2021	5/6/2021
N045111-001B	MW-03-Q221	Groundwater	4/22/2021 10:41:00 AM	4/22/2021	5/6/2021
N045111-002A	MW-217D-Q221	Groundwater	4/22/2021 9:38:00 AM	4/22/2021	5/6/2021
N045111-002B	MW-217D-Q221	Groundwater	4/22/2021 9:38:00 AM	4/22/2021	5/6/2021
N045111-002C	MW-217D-Q221	Groundwater	4/22/2021 9:38:00 AM	4/22/2021	5/6/2021
N045111-003A	MW-217S-Q221	Groundwater	4/22/2021 10:22:00 AM	4/22/2021	5/6/2021
N045111-003B	MW-217S-Q221	Groundwater	4/22/2021 10:22:00 AM	4/22/2021	5/6/2021

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045111
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045111-001

Client Sample ID: MW-03-Q221
Collection Date: 4/22/2021 10:41:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426B	QC Batch: R152319		PrepDate:		Analyst: RAB		
Hexavalent Chromium	22	0.13	1.0		µg/L	5	4/26/2021 03:29 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	21	0.035	1.0		µg/L	1	4/26/2021 05:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045111
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045111-002

Client Sample ID: MW-217D-Q221
Collection Date: 4/22/2021 9:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426B	QC Batch: R152319		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/26/2021 04:55 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/26/2021 11:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045111
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045111-003

Client Sample ID: MW-217S-Q221
Collection Date: 4/22/2021 10:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426B	QC Batch: R152319		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/26/2021 05:04 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/26/2021 05:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045111
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: LCS-R152319	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: LCSW	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186596							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.039	0.20	5.000	0	101	90	110				

Sample ID: MB-R152319	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: PBW	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186597							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N045111-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186599							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	46.334	1.0	25.00	21.56	99.1	90	110				

Sample ID: N045111-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186600							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	45.992	1.0	25.00	21.56	97.7	90	110	46.33	0.742	20	

Sample ID: N045127-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186602							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.731	0.20						0.7239	0.976	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045111
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045126-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186610							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	300.414	4.0	100.0	201.5	98.9	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045111
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87253	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: PBW	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191272						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID: LCS-87253	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: LCSW	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191273						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.071 1.0 10.00 0 101 85 115

Sample ID: N045112-013DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152427						
Client ID: ZZZZZZ	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191431						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 321.451 5.0 10.00 306.9 146 75 125 S

Sample ID: N045112-013DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152427						
Client ID: ZZZZZZ	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191432						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 321.379 5.0 10.00 306.9 145 75 125 321.5 0.0222 20 S

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045111
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID: N045112-013D-PS		SampType: PS		TestCode: 6020DIS_CrP		Units: µg/L		Prep Date:		RunNo: 152427			
Client ID: ZZZZZZ		Batch ID: 87253		TestNo: EPA 6020		EPA 3010A		Analysis Date: 4/27/2021		SeqNo: 4191430			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium		323.146		5.0	10.00	306.9	163	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045111
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045111-002

Client Sample ID: MW-217D-Q221
Collection Date: 4/22/2021 9:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285	PrepDate:	Analyst: RAB
Orthophosphate, Dissolved (as P)	0.11 0.093 0.10	mg/L	1 4/24/2021 12:30 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045111
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: LCS-R152285_PO4	SampType: LCS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: LCSW	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184706		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.242	0.10	1.250	0	99.4	90	110				

Sample ID: MB-R152285_PO4	SampType: MBLK	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: PBW	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184707		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID: N045112-013BMS	SampType: MS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184713		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	2.924	0.20	2.500	0	117	80	120				

Sample ID: N045112-013BMSD	SampType: MSD	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184714		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	3.087	0.20	2.500	0	123	80	120	2.924	5.41	20	S

Sample ID: N045112-014BDUP	SampType: DUP	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184716		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	2.009	0.50						0.5435	115	20	R

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045111
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID: N045112-014BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0	Analysis Date: 4/23/2021	SeqNo: 4184717							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P)	9.781	0.50	6.250	0.5435	148	80	120				S
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Sample ID: N045112-019BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0	Analysis Date: 4/24/2021	SeqNo: 4184728							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P)	7.515	0.50	6.250	1.522	95.9	80	120				
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Sample ID: N045112-019BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0	Analysis Date: 4/24/2021	SeqNo: 4184729							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P)	7.711	0.50	6.250	1.522	99.0	80	120	7.515	2.57	20	
----------------------------------	-------	------	-------	-------	------	----	-----	-------	------	----	--

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
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[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/22/2021

Workorder: N045111

Rep sample Temp (Deg C): 2.3

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH < 2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR  4/26/2021

Reviewed By:  4/28/2021

ASSET Laboratories

WORK ORDER Summary

23-Apr-21

WorkOrder: N045111

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/22/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045111-001A	MW-03-Q221	4/22/2021 10:41:00 AM	5/6/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045111-001B			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045111-002A	MW-217D-Q221	4/22/2021 9:38:00 AM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045111-002B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045111-002C			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045111-003A	MW-217S-Q221	4/22/2021 10:22:00 AM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045111-003B			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045111-004A	FOLDER	5/6/2021	5/6/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/6/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/6/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 06, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045112

RE: PG&E Hinkley - COMP B, 30046045

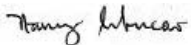
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 22, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045112

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (6.9 ug/L) and hexavalent chromium (0 ug/L) for sample N045112-009 (SA-SM-03SR-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.2 ug/L) and hexavalent chromium (0 ug/L) for sample N045112-012 (SA-SM-01S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.8 ug/L) and hexavalent chromium (0 ug/L) for sample N045112-014(SA-SM-08D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.6 ug/L) and hexavalent chromium (0 ug/L) for sample N045112-015 (MW-939-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery and RPD criteria for Orthophosphate, Dissolved (as P) in QC samples N045112-013BMSD, N045112-014BMS, N045128-001BMS and N045128-001BMSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045112

CASE NARRATIVE

RPD for Sample Duplicate N045112-014BDUP is outside criteria; however, the associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Iron in QC samples N045112-019DMSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (6.9 ug/L) and hexavalent chromium (0 ug/L) for sample N045112-009 (SA-SM-03SR-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 7.2 and 6.2 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.2 ug/L) and hexavalent chromium (0 ug/L) for sample N045112-012 (SA-SM-01S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.2 and 1.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.8 ug/L) and hexavalent chromium (0 ug/L) for sample N045112-014(SA-SM-08D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.0 and 0.43 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.6 ug/L) and hexavalent chromium (0 ug/L) for sample N045112-015 (MW-939-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.1 and 0.68 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N045112-013DMS and N045112-013DMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045112
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045112-001A	SA-RW-47-Q221	Groundwater	4/22/2021 1:25:00 PM	4/22/2021	5/6/2021
N045112-001B	SA-RW-47-Q221	Groundwater	4/22/2021 1:25:00 PM	4/22/2021	5/6/2021
N045112-001C	SA-RW-47-Q221	Groundwater	4/22/2021 1:25:00 PM	4/22/2021	5/6/2021
N045112-002A	SA-MW-43M-Q221	Groundwater	4/22/2021 9:34:00 AM	4/22/2021	5/6/2021
N045112-002B	SA-MW-43M-Q221	Groundwater	4/22/2021 9:34:00 AM	4/22/2021	5/6/2021
N045112-002C	SA-MW-43M-Q221	Groundwater	4/22/2021 9:34:00 AM	4/22/2021	5/6/2021
N045112-002D	SA-MW-43M-Q221	Groundwater	4/22/2021 9:34:00 AM	4/22/2021	5/6/2021
N045112-003A	SA-MW-43S-Q221	Groundwater	4/22/2021 10:16:00 AM	4/22/2021	5/6/2021
N045112-003B	SA-MW-43S-Q221	Groundwater	4/22/2021 10:16:00 AM	4/22/2021	5/6/2021
N045112-003C	SA-MW-43S-Q221	Groundwater	4/22/2021 10:16:00 AM	4/22/2021	5/6/2021
N045112-003D	SA-MW-43S-Q221	Groundwater	4/22/2021 10:16:00 AM	4/22/2021	5/6/2021
N045112-004A	MW-39-Q221	Groundwater	4/22/2021 11:32:00 AM	4/22/2021	5/6/2021
N045112-004B	MW-39-Q221	Groundwater	4/22/2021 11:32:00 AM	4/22/2021	5/6/2021
N045112-004C	MW-39-Q221	Groundwater	4/22/2021 11:32:00 AM	4/22/2021	5/6/2021
N045112-004D	MW-39-Q221	Groundwater	4/22/2021 11:32:00 AM	4/22/2021	5/6/2021
N045112-005A	MW-39D-Q221	Groundwater	4/22/2021 10:56:00 AM	4/22/2021	5/6/2021
N045112-005B	MW-39D-Q221	Groundwater	4/22/2021 10:56:00 AM	4/22/2021	5/6/2021
N045112-005C	MW-39D-Q221	Groundwater	4/22/2021 10:56:00 AM	4/22/2021	5/6/2021
N045112-005D	MW-39D-Q221	Groundwater	4/22/2021 10:56:00 AM	4/22/2021	5/6/2021
N045112-006A	MW-15-Q221	Groundwater	4/22/2021 8:48:00 AM	4/22/2021	5/6/2021
N045112-006B	MW-15-Q221	Groundwater	4/22/2021 8:48:00 AM	4/22/2021	5/6/2021
N045112-006C	MW-15-Q221	Groundwater	4/22/2021 8:48:00 AM	4/22/2021	5/6/2021
N045112-006D	MW-15-Q221	Groundwater	4/22/2021 8:48:00 AM	4/22/2021	5/6/2021
N045112-007A	MW-20-Q221	Groundwater	4/22/2021 9:47:00 AM	4/22/2021	5/6/2021
N045112-007B	MW-20-Q221	Groundwater	4/22/2021 9:47:00 AM	4/22/2021	5/6/2021
N045112-007C	MW-20-Q221	Groundwater	4/22/2021 9:47:00 AM	4/22/2021	5/6/2021
N045112-007D	MW-20-Q221	Groundwater	4/22/2021 9:47:00 AM	4/22/2021	5/6/2021
N045112-008A	MW-01-Q221	Groundwater	4/22/2021 1:35:00 PM	4/22/2021	5/6/2021
N045112-008B	MW-01-Q221	Groundwater	4/22/2021 1:35:00 PM	4/22/2021	5/6/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045112
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045112-008C	MW-01-Q221	Groundwater	4/22/2021 1:35:00 PM	4/22/2021	5/6/2021
N045112-008D	MW-01-Q221	Groundwater	4/22/2021 1:35:00 PM	4/22/2021	5/6/2021
N045112-009A	SA-SM-03SR-Q221	Groundwater	4/22/2021 1:10:00 PM	4/22/2021	5/6/2021
N045112-009B	SA-SM-03SR-Q221	Groundwater	4/22/2021 1:10:00 PM	4/22/2021	5/6/2021
N045112-009C	SA-SM-03SR-Q221	Groundwater	4/22/2021 1:10:00 PM	4/22/2021	5/6/2021
N045112-009D	SA-SM-03SR-Q221	Groundwater	4/22/2021 1:10:00 PM	4/22/2021	5/6/2021
N045112-010A	MW-17-Q221	Groundwater	4/22/2021 8:56:00 AM	4/22/2021	5/6/2021
N045112-010B	MW-17-Q221	Groundwater	4/22/2021 8:56:00 AM	4/22/2021	5/6/2021
N045112-010C	MW-17-Q221	Groundwater	4/22/2021 8:56:00 AM	4/22/2021	5/6/2021
N045112-010D	MW-17-Q221	Groundwater	4/22/2021 8:56:00 AM	4/22/2021	5/6/2021
N045112-011A	SA-SM-01D-Q221	Groundwater	4/22/2021 1:54:00 PM	4/22/2021	5/6/2021
N045112-011B	SA-SM-01D-Q221	Groundwater	4/22/2021 1:54:00 PM	4/22/2021	5/6/2021
N045112-011C	SA-SM-01D-Q221	Groundwater	4/22/2021 1:54:00 PM	4/22/2021	5/6/2021
N045112-012A	SA-SM-01S-Q221	Groundwater	4/22/2021 2:33:00 PM	4/22/2021	5/6/2021
N045112-012B	SA-SM-01S-Q221	Groundwater	4/22/2021 2:33:00 PM	4/22/2021	5/6/2021
N045112-012C	SA-SM-01S-Q221	Groundwater	4/22/2021 2:33:00 PM	4/22/2021	5/6/2021
N045112-013A	SA-SM-02S-Q221	Groundwater	4/22/2021 3:25:00 PM	4/22/2021	5/6/2021
N045112-013B	SA-SM-02S-Q221	Groundwater	4/22/2021 3:25:00 PM	4/22/2021	5/6/2021
N045112-013C	SA-SM-02S-Q221	Groundwater	4/22/2021 3:25:00 PM	4/22/2021	5/6/2021
N045112-013D	SA-SM-02S-Q221	Groundwater	4/22/2021 3:25:00 PM	4/22/2021	5/6/2021
N045112-014A	SA-SM-08D-Q221	Groundwater	4/22/2021 11:32:00 AM	4/22/2021	5/6/2021
N045112-014B	SA-SM-08D-Q221	Groundwater	4/22/2021 11:32:00 AM	4/22/2021	5/6/2021
N045112-014C	SA-SM-08D-Q221	Groundwater	4/22/2021 11:32:00 AM	4/22/2021	5/6/2021
N045112-014D	SA-SM-08D-Q221	Groundwater	4/22/2021 11:32:00 AM	4/22/2021	5/6/2021
N045112-015A	MW-939-Q221	Groundwater	4/22/2021 11:42:00 AM	4/22/2021	5/6/2021
N045112-015B	MW-939-Q221	Groundwater	4/22/2021 11:42:00 AM	4/22/2021	5/6/2021
N045112-015C	MW-939-Q221	Groundwater	4/22/2021 11:42:00 AM	4/22/2021	5/6/2021
N045112-015D	MW-939-Q221	Groundwater	4/22/2021 11:42:00 AM	4/22/2021	5/6/2021
N045112-016A	EB-756-Q221	Groundwater	4/22/2021 3:50:00 PM	4/22/2021	5/6/2021
N045112-017A	EB-757-Q221	Groundwater	4/22/2021 3:00:00 PM	4/22/2021	5/6/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045112
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045112-018A	SA-MW-34S-Q221	Groundwater	4/22/2021 2:53:00 PM	4/22/2021	5/6/2021
N045112-018B	SA-MW-34S-Q221	Groundwater	4/22/2021 2:53:00 PM	4/22/2021	5/6/2021
N045112-018C	SA-MW-34S-Q221	Groundwater	4/22/2021 2:53:00 PM	4/22/2021	5/6/2021
N045112-018D	SA-MW-34S-Q221	Groundwater	4/22/2021 2:53:00 PM	4/22/2021	5/6/2021
N045112-019A	SA-MW-37D-Q221	Groundwater	4/22/2021 12:30:00 PM	4/22/2021	5/6/2021
N045112-019B	SA-MW-37D-Q221	Groundwater	4/22/2021 12:30:00 PM	4/22/2021	5/6/2021
N045112-019C	SA-MW-37D-Q221	Groundwater	4/22/2021 12:30:00 PM	4/22/2021	5/6/2021
N045112-019D	SA-MW-37D-Q221	Groundwater	4/22/2021 12:30:00 PM	4/22/2021	5/6/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-001

Client Sample ID: SA-RW-47-Q221
Collection Date: 4/22/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	28	0.13	1.0		µg/L	5	4/23/2021 04:42 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	27	0.035	1.0		µg/L	1	4/26/2021 05:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-002

Client Sample ID: SA-MW-43M-Q221
Collection Date: 4/22/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	510	2.5	20		µg/L	100	4/23/2021 11:36 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210504B	QC Batch: 87253		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	540	0.18	5.0		µg/L	5	5/4/2021 12:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-003

Client Sample ID: SA-MW-43S-Q221
Collection Date: 4/22/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	190	0.50	4.0		µg/L	20	4/23/2021 05:48 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210504B	QC Batch: 87253		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	210	0.18	5.0		µg/L	5	5/4/2021 12:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-004

Client Sample ID: MW-39-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210423A	QC Batch: R152298			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/23/2021 12:25 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/26/2021 06:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-005

Client Sample ID: MW-39D-Q221
Collection Date: 4/22/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.76	0.025	0.20		µg/L	1	4/23/2021 12:34 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	1.3	0.035	1.0		µg/L	1	4/26/2021 06:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-006

Client Sample ID: MW-15-Q221
Collection Date: 4/22/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	250	0.50	4.0		µg/L	20	4/23/2021 11:47 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87253		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	260	0.18	5.0		µg/L	5	4/27/2021 06:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-007

Client Sample ID: MW-20-Q221
Collection Date: 4/22/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/23/2021 12:44 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/26/2021 06:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-008

Client Sample ID: MW-01-Q221
Collection Date: 4/22/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/23/2021 02:39 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/26/2021 06:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-009

Client Sample ID: SA-SM-03SR-Q221
Collection Date: 4/22/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210423A	QC Batch: R152298			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/23/2021 02:48 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	6.9	0.035	1.0		µg/L	1	4/26/2021 06:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-010

Client Sample ID: MW-17-Q221
Collection Date: 4/22/2021 8:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298			PrepDate:	Analyst: RAB		
Hexavalent Chromium	59	0.25	2.0		µg/L	10	4/23/2021 11:56 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	57	0.035	1.0		µg/L	1	4/26/2021 07:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-011

Client Sample ID: SA-SM-01D-Q221
Collection Date: 4/22/2021 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/23/2021 02:58 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate:		Analyst: CEI		
Chromium	ND	0.035	1.0		µg/L	1	4/26/2021 07:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-012

Client Sample ID: SA-SM-01S-Q221
Collection Date: 4/22/2021 2:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20	µg/L	1	4/23/2021 03:07 PM	
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	1.2	0.035	1.0	µg/L	1	4/26/2021 07:14 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-013

Client Sample ID: SA-SM-02S-Q221
Collection Date: 4/22/2021 3:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	290	1.3	10		µg/L	50	4/23/2021 05:10 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87253		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	310	0.18	5.0		µg/L	5	4/27/2021 06:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-014

Client Sample ID: SA-SM-08D-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298	PrepDate:				Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/23/2021 03:35 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253	PrepDate: 4/26/2021				Analyst: CEI	
Chromium	1.8	0.035	1.0		µg/L	1	4/26/2021 08:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-015

Client Sample ID: MW-939-Q221
Collection Date: 4/22/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/23/2021 03:45 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253		PrepDate:		Analyst: CEI		
Chromium	1.6	0.035	1.0		µg/L	1	4/26/2021 08:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-016

Client Sample ID: EB-756-Q221
Collection Date: 4/22/2021 3:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210423A	QC Batch: R152298	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/23/2021 03:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-017

Client Sample ID: EB-757-Q221
Collection Date: 4/22/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210423A	QC Batch: R152298	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/23/2021 04:04 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-018

Client Sample ID: SA-MW-34S-Q221
Collection Date: 4/22/2021 2:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/23/2021 04:32 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/26/2021 08:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-019

Client Sample ID: SA-MW-37D-Q221
Collection Date: 4/22/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210423A	QC Batch: R152298		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.1	0.025	0.20		µg/L	1	4/23/2021 03:26 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	4.4	0.035	1.0		µg/L	1	4/26/2021 08:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152298	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152298
Client ID: PBW	Batch ID: R152298	TestNo: EPA 218.6		Analysis Date: 4/23/2021	SeqNo: 4185097
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R152298	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152298
Client ID: LCSW	Batch ID: R152298	TestNo: EPA 218.6		Analysis Date: 4/23/2021	SeqNo: 4185098
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.079	0.20	5.000	0	102 90 110

Sample ID: N045112-019AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152298
Client ID: ZZZZZ	Batch ID: R152298	TestNo: EPA 218.6		Analysis Date: 4/23/2021	SeqNo: 4185121
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	9.226	0.20	5.000	4.106	102 90 110

Sample ID: N045112-019AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152298
Client ID: ZZZZZ	Batch ID: R152298	TestNo: EPA 218.6		Analysis Date: 4/23/2021	SeqNo: 4185122
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	9.301	0.20	5.000	4.106	104 90 110 9.226 0.811 20

Sample ID: N045112-013AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152298
Client ID: ZZZZZ	Batch ID: R152298	TestNo: EPA 218.6		Analysis Date: 4/23/2021	SeqNo: 4185124
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	544.095	10	250.0	294.0	100 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045112-013AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152298						
Client ID: ZZZZZZ	Batch ID: R152298	TestNo: EPA 218.6		Analysis Date: 4/23/2021	SeqNo: 4185125						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	544.340	10	250.0	294.0	100	90	110	544.1	0.0450	20	
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Sample ID: N045112-010ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152298						
Client ID: ZZZZZZ	Batch ID: R152298	TestNo: EPA 218.6		Analysis Date: 4/23/2021	SeqNo: 4185126						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	57.844	2.0						58.74	1.54	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87253	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: PBW	Batch ID: 87253	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191272
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87253	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: LCSW	Batch ID: 87253	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191273
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.071 1.0 10.00 0 101 85 115

Sample ID: N045112-013DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152427
Client ID: ZZZZZZ	Batch ID: 87253	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/27/2021	SeqNo: 4191431
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 321.451 5.0 10.00 306.9 146 75 125 S

Sample ID: N045112-013DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152427
Client ID: ZZZZZZ	Batch ID: 87253	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/27/2021	SeqNo: 4191432
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 321.379 5.0 10.00 306.9 145 75 125 321.5 0.0222 20 S

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87254	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: PBW	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191301						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0									
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Sample ID: LCS-87254	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: LCSW	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191302						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	9.984	1.0	10.00	0	99.8	85	115				
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Sample ID: N045112-019DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191310						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.629	1.0	10.00	4.447	91.8	75	125				
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Sample ID: N045112-019DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191311						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.443	1.0	10.00	4.447	90.0	75	125	13.63	1.37	20	
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID: N045112-013D-PS		SampType: PS		TestCode: 6020DIS_CrP		Units: µg/L		Prep Date:		RunNo: 152427			
Client ID: ZZZZZZ		Batch ID: 87253		TestNo: EPA 6020		EPA 3010A		Analysis Date: 4/27/2021		SeqNo: 4191430			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium		323.146		5.0	10.00	306.9	163	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: N045112-019D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 152426						
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191305						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	13.648	1.0	10.00	4.447	92.0	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-001

Client Sample ID: SA-RW-47-Q221
Collection Date: 4/22/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285	PrepDate:	Analyst: RAB
Nitrate as N	0.98 0.019 0.10	mg/L	2 4/23/2021 07:20 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-002

Client Sample ID: SA-MW-43M-Q221
Collection Date: 4/22/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285	PrepDate:	Analyst: RAB
Nitrate as N	22 0.19	1.0	mg/L
			20 4/23/2021 08:48 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-003

Client Sample ID: SA-MW-43S-Q221
Collection Date: 4/22/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289			PrepDate:		Analyst: RAB
Nitrate as N	12	0.095	0.50	mg/L	10	4/24/2021 08:14 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-004

Client Sample ID: MW-39-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285	PrepDate:	Analyst: RAB
Nitrate as N	ND 0.019 0.10	mg/L	2 4/23/2021 11:31 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-005

Client Sample ID: MW-39D-Q221
Collection Date: 4/22/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B **QC Batch:** R152285 **PrepDate:** **Analyst:** RAB
 Nitrate as N 0.95 0.019 0.10 mg/L 2 4/23/2021 08:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-006

Client Sample ID: MW-15-Q221
Collection Date: 4/22/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B **QC Batch:** R152285 **PrepDate:** **Analyst:** RAB
 Orthophosphate, Dissolved (as P) ND 0.19 0.20 mg/L 2 4/24/2021 01:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-007

Client Sample ID: MW-20-Q221
Collection Date: 4/22/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/23/2021 11:46 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10	mg/L	2	4/23/2021 11:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-008

Client Sample ID: MW-01-Q221
Collection Date: 4/22/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285	PrepDate:	Analyst: RAB
Nitrate as N	ND 0.019 0.10	mg/L	2 4/24/2021 01:44 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-009

Client Sample ID: SA-SM-03SR-Q221
Collection Date: 4/22/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/24/2021 12:45 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285				PrepDate:		Analyst: RAB
Nitrate as N	0.14	0.019	0.10		mg/L	2	4/24/2021 12:45 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-010

Client Sample ID: MW-17-Q221
Collection Date: 4/22/2021 8:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/23/2021 08:19 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Nitrate as N	2.9	0.019	0.10	mg/L	2	4/23/2021 08:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-011

Client Sample ID: SA-SM-01D-Q221
Collection Date: 4/22/2021 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/24/2021 01:00 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10	mg/L	2	4/24/2021 01:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-012

Client Sample ID: SA-SM-01S-Q221
Collection Date: 4/22/2021 2:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/24/2021 01:15 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285				PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10		mg/L	2	4/24/2021 01:15 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-013

Client Sample ID: SA-SM-02S-Q221
Collection Date: 4/22/2021 3:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/23/2021 07:34 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Nitrate as N	0.84	0.019	0.10	mg/L	2	4/23/2021 07:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-014

Client Sample ID: SA-SM-08D-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	0.54	0.47	0.50		mg/L	5	4/23/2021 10:32 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285				PrepDate:		Analyst: RAB
Nitrate as N	ND	0.048	0.25		mg/L	5	4/23/2021 10:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-015

Client Sample ID: MW-939-Q221
Collection Date: 4/22/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	4/24/2021 01:59 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.048	0.25	mg/L	5	4/24/2021 01:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-018

Client Sample ID: SA-MW-34S-Q221
Collection Date: 4/22/2021 2:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	4/23/2021 08:34 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285			PrepDate:		Analyst: RAB
Nitrate as N	0.12	0.019	0.10	mg/L	2	4/23/2021 08:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-019

Client Sample ID: SA-MW-37D-Q221
Collection Date: 4/22/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	1.5	0.47	0.50		mg/L	5	4/24/2021 02:14 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210423B	QC Batch: R152285				PrepDate:		Analyst: RAB
Nitrate as N	1.7	0.048	0.25		mg/L	5	4/24/2021 02:14 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: LCS-R152285_PO4	SampType: LCS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: LCSW	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184706		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.242	0.10	1.250	0	99.4	90	110				

Sample ID: MB-R152285_PO4	SampType: MBLK	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: PBW	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184707		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID: N045112-013BMS	SampType: MS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184713		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	2.924	0.20	2.500	0	117	80	120				

Sample ID: N045112-013BMSD	SampType: MSD	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184714		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	3.087	0.20	2.500	0	123	80	120	2.924	5.41	20	S

Sample ID: N045112-014BDUP	SampType: DUP	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184716		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	2.009	0.50						0.5435	115	20	R

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID: N045112-014BMS	SampType: MS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/23/2021			SeqNo: 4184717		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	9.781	0.50	6.250	0.5435	148	80	120				S

Sample ID: N045112-019BMS	SampType: MS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/24/2021			SeqNo: 4184728		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	7.515	0.50	6.250	1.522	95.9	80	120				

Sample ID: N045112-019BMSD	SampType: MSD	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152285		
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0				Analysis Date: 4/24/2021			SeqNo: 4184729		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	7.711	0.50	6.250	1.522	99.0	80	120	7.515	2.57	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID: MB-R152289_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: PBW	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184894						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P) ND 0.10

Sample ID: LCS-R152289_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: LCSW	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184895						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P) 1.264 0.10 1.250 0 101 90 110

Sample ID: N045128-001BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184901						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P) 3.165 0.20 2.500 0 127 80 120 S

Sample ID: N045128-001BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021	SeqNo: 4184902							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P) 3.925 0.20 2.500 0 157 80 120 3.165 21.4 20 SR

Sample ID: N045128-001BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021	SeqNo: 4184903							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Orthophosphate, Dissolved (as P) ND 0.20 0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: LCS-R152285_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: LCSW	Batch ID: R152285	TestNo: EPA 300.0		Analysis Date: 4/23/2021	SeqNo: 4184673						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.207	0.050	1.250	0	96.6	90	110				
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Sample ID: MB-R152285_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: PBW	Batch ID: R152285	TestNo: EPA 300.0		Analysis Date: 4/23/2021	SeqNo: 4184674						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	ND	0.050									
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Sample ID: N045112-013BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0		Analysis Date: 4/23/2021	SeqNo: 4184683						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.204	0.10	2.500	0.8438	94.4	80	120				
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Sample ID: N045112-013BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0		Analysis Date: 4/23/2021	SeqNo: 4184684						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	3.213	0.10	2.500	0.8438	94.8	80	120	3.204	0.268	20	
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Sample ID: N045112-014BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0		Analysis Date: 4/23/2021	SeqNo: 4184686						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	ND	0.25						0	0	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045112-014BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0		Analysis Date: 4/23/2021	SeqNo: 4184687						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	5.966	0.25	6.250	0	95.4	80	120				
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Sample ID: N045112-019BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152285						
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184698						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	7.389	0.25	6.250	1.659	91.7	80	120				
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Sample ID: N045112-019BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:				RunNo: 152285			
Client ID: ZZZZZZ	Batch ID: R152285	TestNo: EPA 300.0	Analysis Date: 4/24/2021				SeqNo: 4184699				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	7.414	0.25	6.250	1.659	92.1	80	120	7.389	0.338	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: MB-R152289_NO3	SampType: MBLK	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: PBW	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184865						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID: LCS-R152289_NO3	SampType: LCS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: LCSW	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.201 0.050 1.250 0 96.1 90 110

Sample ID: N045128-001BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 3.681 0.10 2.500 1.283 96.0 80 120

Sample ID: N045128-001BMSD	SampType: MSD	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184872						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 3.658 0.10 2.500 1.283 95.0 80 120 3.681 0.643 20

Sample ID: N045128-001BDUP	SampType: DUP	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.245 0.10 1.283 2.98 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045126-001BMS	SampType: MS	TestCode: 300WLLNO3	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021	SeqNo: 4184887							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	9.098	0.25	6.250	3.106	95.9	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-002

Client Sample ID: SA-MW-43M-Q221
Collection Date: 4/22/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210428A	QC Batch: R152382		PrepDate:		Analyst: JBB		
Organic Carbon, Total	6.3	0.17	2.0		mg/L	2	4/28/2021 03:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-003

Client Sample ID: SA-MW-43S-Q221
Collection Date: 4/22/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 03:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-004

Client Sample ID: MW-39-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 04:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-005

Client Sample ID: MW-39D-Q221
Collection Date: 4/22/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 05:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-006

Client Sample ID: MW-15-Q221
Collection Date: 4/22/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210427A	QC Batch: R152329		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/27/2021 05:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-007

Client Sample ID: MW-20-Q221
Collection Date: 4/22/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 05:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-008

Client Sample ID: MW-01-Q221
Collection Date: 4/22/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 05:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-009

Client Sample ID: SA-SM-03SR-Q221
Collection Date: 4/22/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 06:12 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-010

Client Sample ID: MW-17-Q221
Collection Date: 4/22/2021 8:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 06:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-013

Client Sample ID: SA-SM-02S-Q221
Collection Date: 4/22/2021 3:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 12:12 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-014

Client Sample ID: SA-SM-08D-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 06:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-015

Client Sample ID: MW-939-Q221
Collection Date: 4/22/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 06:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-018

Client Sample ID: SA-MW-34S-Q221
Collection Date: 4/22/2021 2:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210427A	QC Batch: R152329			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/27/2021 07:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-019

Client Sample ID: SA-MW-37D-Q221
Collection Date: 4/22/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 03:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152329	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152329
Client ID: PBW	Batch ID: R152329	TestNo: SM 5310C		Analysis Date: 4/27/2021	SeqNo: 4187257
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID: LCS-R152329	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152329
Client ID: LCSW	Batch ID: R152329	TestNo: SM 5310C		Analysis Date: 4/27/2021	SeqNo: 4187258
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.103	1.0	5.000	0	102 85 115

Sample ID: N045112-013CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152329
Client ID: ZZZZZZ	Batch ID: R152329	TestNo: SM 5310C		Analysis Date: 4/27/2021	SeqNo: 4187260
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.548	1.0	5.000	0.5300	100 75 125

Sample ID: N045112-013CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152329
Client ID: ZZZZZZ	Batch ID: R152329	TestNo: SM 5310C		Analysis Date: 4/27/2021	SeqNo: 4187261
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.740	1.0	5.000	0.5300	104 75 125 5.548 3.40 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 5310C_W_T

Sample ID: MB-R152382	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152382						
Client ID: PBW	Batch ID: R152382	TestNo: SM 5310C		Analysis Date: 4/28/2021	SeqNo: 4189262						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total ND 1.0

Sample ID: LCS-R152382	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152382						
Client ID: LCSW	Batch ID: R152382	TestNo: SM 5310C		Analysis Date: 4/28/2021	SeqNo: 4189263						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 5.024 1.0 5.000 0 100 85 115

Sample ID: N045112-019CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152382						
Client ID: ZZZZZZ	Batch ID: R152382	TestNo: SM 5310C		Analysis Date: 4/28/2021	SeqNo: 4189265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 5.031 1.0 5.000 0.4573 91.5 75 125

Sample ID: N045112-019CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152382						
Client ID: ZZZZZZ	Batch ID: R152382	TestNo: SM 5310C		Analysis Date: 4/28/2021	SeqNo: 4189266						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 5.127 1.0 5.000 0.4573 93.4 75 125 5.030 1.91 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-001

Client Sample ID: SA-RW-47-Q221
Collection Date: 4/22/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	150	18	20		ug/L	1	4/29/2021 07:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-002

Client Sample ID: SA-MW-43M-Q221
Collection Date: 4/22/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	52	18	20		ug/L	1	4/29/2021 08:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-003

Client Sample ID: SA-MW-43S-Q221
Collection Date: 4/22/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	41	18	20		ug/L	1	4/29/2021 08:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-004

Client Sample ID: MW-39-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	310	18	20		ug/L	1	4/29/2021 08:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-005

Client Sample ID: MW-39D-Q221
Collection Date: 4/22/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	62	18	20		ug/L	1	4/29/2021 08:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-006

Client Sample ID: MW-15-Q221
Collection Date: 4/22/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	30	18	20		ug/L	1	4/29/2021 08:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-007

Client Sample ID: MW-20-Q221
Collection Date: 4/22/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	660	18	20		ug/L	1	4/29/2021 08:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-008

Client Sample ID: MW-01-Q221
Collection Date: 4/22/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	3300	18	20		ug/L	1	4/29/2021 08:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-009

Client Sample ID: SA-SM-03SR-Q221
Collection Date: 4/22/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	1700	18	20		ug/L	1	4/29/2021 08:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-010

Client Sample ID: MW-17-Q221
Collection Date: 4/22/2021 8:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/29/2021 08:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-013

Client Sample ID: SA-SM-02S-Q221
Collection Date: 4/22/2021 3:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	79	18	20		ug/L	1	4/29/2021 07:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-014

Client Sample ID: SA-SM-08D-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	520	18	20		ug/L	1	4/29/2021 08:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-015

Client Sample ID: MW-939-Q221
Collection Date: 4/22/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	690	18	20		ug/L	1	4/29/2021 09:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-018

Client Sample ID: SA-MW-34S-Q221
Collection Date: 4/22/2021 2:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	400	18	20		ug/L	1	4/29/2021 09:17 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-019

Client Sample ID: SA-MW-37D-Q221
Collection Date: 4/22/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87236			PrepDate:	4/23/2021	Analyst: DJ	
Iron	34	18	20		ug/L	1	4/29/2021 09:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87236	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/23/2021	RunNo: 152398
Client ID: PBW	Batch ID: 87236	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189730
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron ND 20

Sample ID: LCS-87236	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/23/2021	RunNo: 152398
Client ID: LCSW	Batch ID: 87236	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189731
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 88.258 20 100.0 0 88.3 85 115

Sample ID: N045112-013DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/23/2021	RunNo: 152398
Client ID: ZZZZZZ	Batch ID: 87236	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189735
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 173.327 20 100.0 79.16 94.2 75 125

Sample ID: N045112-013DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/23/2021	RunNo: 152398
Client ID: ZZZZZZ	Batch ID: 87236	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189736
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 181.834 20 100.0 79.16 103 75 125 173.3 4.79 20

Sample ID: N045112-019DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/23/2021	RunNo: 152398
Client ID: ZZZZZZ	Batch ID: 87236	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189757
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 145.307 20 100.0 34.47 111 75 125

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID: N045112-019DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 4/23/2021	RunNo: 152398						
Client ID: ZZZZZZ	Batch ID: 87236	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/29/2021	SeqNo: 4189758						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	174.317	20	100.0	34.47	140	75	125	145.3	18.2	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N045112-013D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152398						
Client ID: ZZZZZZ	Batch ID: 87236	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/29/2021	SeqNo: 4189734						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	173.240	20	100.0	79.16	94.1	80	120				

Sample ID: N045112-019D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152398						
Client ID: ZZZZZZ	Batch ID: 87236	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/29/2021	SeqNo: 4189756						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	163.353	20	100.0	34.47	129	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-001

Client Sample ID: SA-RW-47-Q221
Collection Date: 4/22/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Manganese	0.51	0.026	0.50		µg/L	1	4/26/2021 05:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-002

Client Sample ID: SA-MW-43M-Q221
Collection Date: 4/22/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	0.64	0.050	0.10		µg/L	1	4/26/2021 06:03 PM
Manganese	1.5	0.026	0.50		µg/L	1	4/26/2021 06:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-003

Client Sample ID: SA-MW-43S-Q221
Collection Date: 4/22/2021 10:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	0.65	0.050	0.10	µg/L	4/26/2021 06:09 PM
Manganese	ND	0.026	0.50	µg/L	4/26/2021 06:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-004

Client Sample ID: MW-39-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	2.0	0.050	0.10	µg/L	4/26/2021 06:15 PM
Manganese	2400	0.66	12	µg/L	4/27/2021 07:32 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-005

Client Sample ID: MW-39D-Q221
Collection Date: 4/22/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	3.2	0.050	0.10	µg/L	4/26/2021 06:21 PM
Manganese	2200	0.66	12	µg/L	4/27/2021 07:38 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-006

Client Sample ID: MW-15-Q221
Collection Date: 4/22/2021 8:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	1.8	0.050	0.10		µg/L	1	4/26/2021 06:38 PM
Manganese	110	0.026	0.50		µg/L	1	4/26/2021 06:38 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-007

Client Sample ID: MW-20-Q221
Collection Date: 4/22/2021 9:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	11	0.050	0.10		µg/L	1	4/26/2021 06:44 PM
Manganese	3700	0.66	12		µg/L	25	4/27/2021 07:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-008

Client Sample ID: MW-01-Q221
Collection Date: 4/22/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	7.9	0.050	0.10		µg/L	1	4/26/2021 06:50 PM
Manganese	3000	0.66	12		µg/L	25	4/27/2021 07:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-009

Client Sample ID: SA-SM-03SR-Q221
Collection Date: 4/22/2021 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate: 4/26/2021		Analyst: CEI
Arsenic	6.2	0.050	0.10	µg/L	1	4/26/2021 06:56 PM
Manganese	620	0.13	2.5	µg/L	5	4/27/2021 07:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-010

Client Sample ID: MW-17-Q221
Collection Date: 4/22/2021 8:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	0.76	0.050	0.10		µg/L	1	4/26/2021 07:02 PM
Manganese	0.61	0.026	0.50		µg/L	1	4/26/2021 07:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-011

Client Sample ID: SA-SM-01D-Q221
Collection Date: 4/22/2021 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Manganese	2800	0.66	12		µg/L	25	4/27/2021 08:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-012

Client Sample ID: SA-SM-01S-Q221
Collection Date: 4/22/2021 2:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87253			PrepDate:	4/26/2021	Analyst: CEI	
Manganese	1700	0.66	12		µg/L	25	4/27/2021 08:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-013

Client Sample ID: SA-SM-02S-Q221
Collection Date: 4/22/2021 3:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	3.2	0.050	0.10	µg/L	1 4/26/2021 07:20 PM
Manganese	120	0.13	2.5	µg/L	5 4/27/2021 06:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-014

Client Sample ID: SA-SM-08D-Q221
Collection Date: 4/22/2021 11:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate: 4/26/2021		Analyst: CEI
Arsenic	1.4	0.050	0.10	µg/L	1	4/26/2021 08:01 PM
Manganese	2800	0.66	12	µg/L	25	4/27/2021 08:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-015

Client Sample ID: MW-939-Q221
Collection Date: 4/22/2021 11:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	1.6	0.050	0.10	µg/L	4/26/2021 08:07 PM
Manganese	2800	0.66	12	µg/L	4/27/2021 08:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-018

Client Sample ID: SA-MW-34S-Q221
Collection Date: 4/22/2021 2:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87253			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	7.1	0.050	0.10	µg/L	1 4/26/2021 08:13 PM
Manganese	650	0.13	2.5	µg/L	5 4/27/2021 08:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 06-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045112
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045112-019

Client Sample ID: SA-MW-37D-Q221
Collection Date: 4/22/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	0.87	0.050	0.10		µg/L	1	4/26/2021 08:31 PM
Manganese	4.8	0.026	0.50		µg/L	1	4/26/2021 08:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87253	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: PBW	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191341
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID: LCS-87253	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: LCSW	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191342
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.141	0.10	10.00	0	101 85 115
Manganese	99.549	0.50	100.0	0	99.5 85 115

Sample ID: N045112-013DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: ZZZZZZ	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191365
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	13.125	0.10	10.00	3.245	98.8 75 125
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Sample ID: N045112-013DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: ZZZZZZ	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191366
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	12.988	0.10	10.00	3.245	97.4 75 125 13.12 1.04 20
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Sample ID: N045112-013DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152427
Client ID: ZZZZZZ	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191481
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese	225.044	2.5	100.0	120.8	104 75 125
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID: N045112-013DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152427						
Client ID: ZZZZZZ	Batch ID: 87253	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/27/2021	SeqNo: 4191482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	224.905	2.5	100.0	120.8	104	75	125	225.0	0.0621	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045112
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID: MB-87254	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: PBW	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191370						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	0.10									
Manganese	ND	0.50									

Sample ID: LCS-87254	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: LCSW	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191371						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	9.757	0.10	10.00	0	97.6	85	115				
Manganese	98.069	0.50	100.0	0	98.1	85	115				

Sample ID: N045112-019DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191379						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.574	0.10	10.00	0.8694	97.0	75	125				
Manganese	95.922	0.50	100.0	4.828	91.1	75	125				

Sample ID: N045112-019DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191380						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.359	0.10	10.00	0.8694	94.9	75	125	10.57	2.05	20	
Manganese	95.661	0.50	100.0	4.828	90.8	75	125	95.92	0.272	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



ASSET LABORATORIES

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 EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

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ASSET LABORATORIES

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 California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
 P: 562.219.7435 F: 562.219.7436
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Page 1 of 2

Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: Submitted By: Andrew Phan Title: FWD Tech Signature: [Signature] Date: 01/14/21 <small>I hereby authorize ASSET Labs to perform the tests indicated below.</small> Project Name: PG&E Hinkley - COMP B Project Number: 30046045		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: Signature: [Signature] Date: 4/22/21		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400, Concord, CA 94520 Email: lisa.kellogg@arcadis.com Phone: 951.677.0577 P.O.#: PENDING Fax:		EDD Requirement: Excel EDD Geotracker Labspec Others Specify: EQ EDD Global ID:		QA/QC: RTNE RWQCB CalTrans LEVEL III LEVEL IV Regulatory Specify State:		Sample Receipt Condition: Y N 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling: ICE Sample Temp: 58°C/3.5°C/2.3°C Courier: [Signature] Tracking No.:	
Matrix: Ground-water x Sediment Potable Soil NPDES Other Solid Surface		Sample ID/Location: SA-RW-47-Q221 SA-MW-43M-Q221 SA-MW-43S-Q221 MW-39-Q221 MW-39D-Q221 MW-15-Q221 MW-20-Q221 MW-01-Q221		Sample Date: 4/22/2021 4/22/2021 4/22/2021 4/22/2021 4/22/2021 4/22/2021 4/22/2021 4/22/2021		Sample Time: 1325 0934 1016 1132 1056 0848 0847 1335		Others: Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C; 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly Anions (E300.0) SO4; 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha (E900); HNO3; 2x1000ml Poly Gross Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDIs) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly Eosine, Fluorescein, 4°C (blue ice); 50ml Centrifuge tube		Turn Around Time (TAT): Turn Around Time No. of Container Remarks	
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/22/21 1640		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/22/21 1640		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/22/21 1950		Relinquished by (Signature and Printed Name): [Signature] Date/Time: 4/22/21 1950		Special Instruction:		Container Type:	
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs=200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20% 3. Custom EDD formats will be an additional 5% of the total project price. 4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on.		3. Trip Blank and Equipment Blank are lab/field sample. 4. Asset Laboratories is not responsible for samples collected using incorrect methodology. 5. Terms are not 30 days. 6. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 7. For subsurface analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		TAT Starts at 8 AM the following day if samples received after 3:00PM. A < 24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays X		Container Type: T=Tube V=VOA P=Pin J=Jar B=Bedlar G=Glass M=Metal M=Metal C=Can			



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[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/22/2021 Workorder: N045112
 Rep sample Temp (Deg C): 5.8/3.2/2.3 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YRJ 4/26/2021

Reviewed By:

MBC

4/29/2021

ASSET Laboratories

WORK ORDER Summary

23-Apr-21

WorkOrder: N045112

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/22/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045112-001A	SA-RW-47-Q221	4/22/2021 1:25:00 PM	5/6/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-001B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-001C			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	SA-MW-43M-Q221	4/22/2021 9:34:00 AM	5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-002A			5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-002B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-002C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-002D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	SA-MW-43S-Q221	4/22/2021 10:16:00 AM	5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-003A			5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-003B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-003C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-003D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

23-Apr-21

WorkOrder: N045112

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/22/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045112-003D	SA-MW-43S-Q221	4/22/2021 10:16:00 AM	5/6/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-004A	MW-39-Q221	4/22/2021 11:32:00 AM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-004B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-004C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-004D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-005A	MW-39D-Q221	4/22/2021 10:56:00 AM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-005B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-005C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-005D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-006A	MW-15-Q221	4/22/2021 8:48:00 AM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-006B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-006C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-006D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

23-Apr-21

WorkOrder: N045112

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/22/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045112-006D	MW-15-Q221	4/22/2021 8:48:00 AM	5/6/2021	Groundwater	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-007A	MW-20-Q221	4/22/2021 9:47:00 AM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-007B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-007C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-007D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-008A	MW-01-Q221	4/22/2021 1:35:00 PM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-008B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-008C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-008D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-009A	SA-SM-03SR-Q221	4/22/2021 1:10:00 PM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-009B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

23-Apr-21

WorkOrder: N045112

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/22/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045112-009B	SA-SM-03SR-Q221	4/22/2021 1:10:00 PM	5/6/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-009C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-009D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-010A	MW-17-Q221	4/22/2021 8:56:00 AM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-010B			5/6/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/6/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045112-010C			5/6/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045112-010D			5/6/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/6/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/6/2021	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/6/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/6/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045112-011A	SA-SM-01D-Q221	4/22/2021 1:54:00 PM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-011B			5/6/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/6/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045112-011C			5/6/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/6/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/6/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	

ASSET Laboratories

WORK ORDER Summary

23-Apr-21

WorkOrder: N045112

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/22/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045112-012A	SA-SM-01S-Q221	4/22/2021 2:33:00 PM	5/6/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-012B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-012C			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
	SA-SM-02S-Q221	4/22/2021 3:25:00 PM	5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-013A			5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045112-013B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045112-013C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VW
N045112-013D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
	SA-SM-08D-Q221	4/22/2021 11:32:00 AM	5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045112-014A			5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-014B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-014C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-014D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

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WORK ORDER Summary

23-Apr-21

WorkOrder: N045112

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/22/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045112-014D	SA-SM-08D-Q221	4/22/2021 11:32:00 AM	5/6/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-015A	MW-939-Q221	4/22/2021 11:42:00 AM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-015B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-015C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-015D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-016A	EB-756-Q221	4/22/2021 3:50:00 PM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-017A	EB-757-Q221	4/22/2021 3:00:00 PM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-018A	SA-MW-34S-Q221	4/22/2021 2:53:00 PM	5/6/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-018B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045112-018C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045112-018D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

23-Apr-21

WorkOrder: N045112

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/22/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045112-019A	SA-MW-37D-Q221	4/22/2021 12:30:00 PM	5/6/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045112-019B			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045112-019C			5/6/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VW
N045112-019D			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/6/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045112-020A	FOLDER	5/6/2021	5/6/2021	Folder	Folder		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/6/2021	Folder	Level IV Report		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/6/2021	Folder	Folder		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 07, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045127

RE: PG&E Hinkley - GMP, 30046045

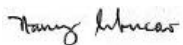
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 23, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045127

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



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ASSET Laboratories

Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N045127**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045127-001A	MW-189D2-Q221	Groundwater	4/23/2021 9:44:00 AM	4/23/2021	5/7/2021
N045127-001B	MW-189D2-Q221	Groundwater	4/23/2021 9:44:00 AM	4/23/2021	5/7/2021
N045127-002A	MW-189D3-Q221	Groundwater	4/23/2021 8:56:00 AM	4/23/2021	5/7/2021
N045127-002B	MW-189D3-Q221	Groundwater	4/23/2021 8:56:00 AM	4/23/2021	5/7/2021
N045127-003A	SC-MW-05S-Q221	Groundwater	4/23/2021 9:46:00 AM	4/23/2021	5/7/2021
N045127-003B	SC-MW-05S-Q221	Groundwater	4/23/2021 9:46:00 AM	4/23/2021	5/7/2021

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045127
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045127-001

Client Sample ID: MW-189D2-Q221
Collection Date: 4/23/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210426B	QC Batch: R152319			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.72	0.025	0.20		µg/L	1	4/26/2021 03:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	1.2	0.035	1.0		µg/L	1	4/26/2021 09:30 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045127
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045127-002

Client Sample ID: MW-189D3-Q221
Collection Date: 4/23/2021 8:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426B	QC Batch: R152319		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.87	0.025	0.20		µg/L	1	4/26/2021 04:17 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	1.0	0.035	1.0		µg/L	1	4/26/2021 09:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045127
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045127-003

Client Sample ID: SC-MW-05S-Q221
Collection Date: 4/23/2021 9:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426B	QC Batch: R152319		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.7	0.025	0.20		µg/L	1	4/26/2021 04:45 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	2.0	0.035	1.0		µg/L	1	4/26/2021 09:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045127
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: LCS-R152319	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: LCSW	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186596							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.039	0.20	5.000	0	101	90	110				

Sample ID: MB-R152319	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: PBW	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186597							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N045111-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186599							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	46.334	1.0	25.00	21.56	99.1	90	110				

Sample ID: N045111-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186600							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	45.992	1.0	25.00	21.56	97.7	90	110	46.33	0.742	20	

Sample ID: N045127-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186602							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.731	0.20						0.7239	0.976	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045127
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045126-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186610							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	300.414	4.0	100.0	201.5	98.9	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045127
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87254	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: PBW	Batch ID: 87254	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191301
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87254	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: LCSW	Batch ID: 87254	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191302
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.984 1.0 10.00 0 99.8 85 115

Sample ID: N045112-019DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191310
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.629 1.0 10.00 4.447 91.8 75 125

Sample ID: N045112-019DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191311
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.443 1.0 10.00 4.447 90.0 75 125 13.63 1.37 20

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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CHAIN OF CUSTODY RECORD

Page 1 of 1

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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: Submitted By: Brian Martinez Title: Field Tech Signature: [Signature] Date: 4/23/21 I hereby authorize ASSET Labs to perform the tests indicated below.		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax: Sampled By: Nana Tep I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Signature: [Signature] Date: 4/23/21		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Address: Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577 Fax: P.O.#		EDD Requirement Excel EDD Geotracker LabSpec Others Specify: EQ EDD Global ID:		QA/QC RTNE RWQCB CellTrans LEVEL III LEVEL IV Regulatory Specify State:		Sample Receipt Condition Y N 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling:																	
Project Name: PG&E Hinkley - GMP Project Number: 30048045		Matrix Ground-water x Sediment Potable Soil NPDES Other Solid Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C; 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E900); HNO3, 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time (TAT) A < 24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays X E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction:		Sample Temp: 17°C Courier: Tracking No.: Remarks:																	
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C; 250 ml Poly	Anions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha/Beta (E900); HNO3, 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	TPH-D (8015B) 3x1 Liter Amber Glass, 4°C	TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C	TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C	TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	Anions (E300.0) SO4; 4°C; 1000ml Poly	Turn Around Time	No. of Container	Remarks		
	N045127-01	MW-189D2-Q221	4/23/2021	0844		X									X									2			
	-02	MW-189D3-Q221	4/23/2021	0856		X									X									2			
	-03	SC-MW-05S-Q221	4/23/2021	0946		X									X									2			
Relinquished by (Signature and Printed Name): [Signature] Brian Martinez		Date/Time: 4/23/21 1200		Relinquished by (Signature and Printed Name): [Signature] JORDAN LUC		Date/Time: 4/23/21 1210																					
Relinquished by (Signature and Printed Name): [Signature] JORDAN LUC		Date/Time: 4/23/21 1456		Relinquished by (Signature and Printed Name): [Signature] Giselle Garcia		Date/Time: 4/23/21 1456																					
Relinquished by (Signature and Printed Name): [Signature] JORDAN LUC		Date/Time: 4/23/21 1456		Relinquished by (Signature and Printed Name): [Signature] Giselle Garcia		Date/Time: 4/23/21 1456																					
Terms 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20% 3. Custom EDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.		5. Trip Blank and Equipment Blank are bilable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pin J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can																					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/23/2021 Workorder: N045127
 Rep sample Temp (Deg C): 1.1 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YAT 4/26/2021

Reviewed By: ABC 4/28/2021

ASSET Laboratories

WORK ORDER Summary

26-Apr-21

WorkOrder: N045127

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 4/23/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045127-001A	MW-189D2-Q221	4/23/2021 9:44:00 AM	5/7/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045127-001B			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045127-002A	MW-189D3-Q221	4/23/2021 8:56:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045127-002B			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045127-003A	SC-MW-05S-Q221	4/23/2021 9:46:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045127-003B			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045127-004A	FOLDER	5/7/2021	5/7/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/7/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/7/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 07, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045128

RE: PG&E Hinkley - COMP B, 30046045

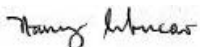
Attention: Tonya Russi

Enclosed are the results for sample(s) received on April 23, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045128

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery and RPD criteria for Orthophosphate, Dissolved (as P) in QC samples N045128-001BMS and N045128-001BMSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery and RPD criteria for Iron in QC sample N045126-001C-MSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045128
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045128-001A	SA-MW-23D-Q221	Groundwater	4/23/2021 11:40:00 AM	4/23/2021	5/7/2021
N045128-001B	SA-MW-23D-Q221	Groundwater	4/23/2021 11:40:00 AM	4/23/2021	5/7/2021
N045128-001C	SA-MW-23D-Q221	Groundwater	4/23/2021 11:40:00 AM	4/23/2021	5/7/2021
N045128-002A	SA-MW-30D-Q221	Groundwater	4/23/2021 10:28:00 AM	4/23/2021	5/7/2021
N045128-002B	SA-MW-30D-Q221	Groundwater	4/23/2021 10:28:00 AM	4/23/2021	5/7/2021
N045128-002C	SA-MW-30D-Q221	Groundwater	4/23/2021 10:28:00 AM	4/23/2021	5/7/2021
N045128-002D	SA-MW-30D-Q221	Groundwater	4/23/2021 10:28:00 AM	4/23/2021	5/7/2021
N045128-003A	MW-937-Q221	Groundwater	4/23/2021 10:38:00 AM	4/23/2021	5/7/2021
N045128-003B	MW-937-Q221	Groundwater	4/23/2021 10:38:00 AM	4/23/2021	5/7/2021
N045128-003C	MW-937-Q221	Groundwater	4/23/2021 10:38:00 AM	4/23/2021	5/7/2021
N045128-003D	MW-937-Q221	Groundwater	4/23/2021 10:38:00 AM	4/23/2021	5/7/2021
N045128-004A	SA-MW-44D-Q221	Groundwater	4/23/2021 10:20:00 AM	4/23/2021	5/7/2021
N045128-004B	SA-MW-44D-Q221	Groundwater	4/23/2021 10:20:00 AM	4/23/2021	5/7/2021
N045128-004C	SA-MW-44D-Q221	Groundwater	4/23/2021 10:20:00 AM	4/23/2021	5/7/2021
N045128-004D	SA-MW-44D-Q221	Groundwater	4/23/2021 10:20:00 AM	4/23/2021	5/7/2021
N045128-005A	SA-MW-44S-Q221	Groundwater	4/23/2021 9:36:00 AM	4/23/2021	5/7/2021
N045128-005B	SA-MW-44S-Q221	Groundwater	4/23/2021 9:36:00 AM	4/23/2021	5/7/2021
N045128-005C	SA-MW-44S-Q221	Groundwater	4/23/2021 9:36:00 AM	4/23/2021	5/7/2021
N045128-005D	SA-MW-44S-Q221	Groundwater	4/23/2021 9:36:00 AM	4/23/2021	5/7/2021
N045128-006A	EB-758-Q221	Groundwater	4/23/2021 10:30:00 AM	4/23/2021	5/7/2021
N045128-007A	EB-759-Q221	Groundwater	4/23/2021 11:40:00 AM	4/23/2021	5/7/2021
N045128-008A	SC-MW-10D-Q221	Groundwater	4/23/2021 8:57:00 AM	4/23/2021	5/7/2021
N045128-008B	SC-MW-10D-Q221	Groundwater	4/23/2021 8:57:00 AM	4/23/2021	5/7/2021
N045128-008C	SC-MW-10D-Q221	Groundwater	4/23/2021 8:57:00 AM	4/23/2021	5/7/2021
N045128-008D	SC-MW-10D-Q221	Groundwater	4/23/2021 8:57:00 AM	4/23/2021	5/7/2021
N045128-009A	SC-MW-10S-Q221	Groundwater	4/23/2021 8:19:00 AM	4/23/2021	5/7/2021
N045128-009B	SC-MW-10S-Q221	Groundwater	4/23/2021 8:19:00 AM	4/23/2021	5/7/2021
N045128-009C	SC-MW-10S-Q221	Groundwater	4/23/2021 8:19:00 AM	4/23/2021	5/7/2021
N045128-009D	SC-MW-10S-Q221	Groundwater	4/23/2021 8:19:00 AM	4/23/2021	5/7/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045128
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045128-010A	SC-MW-05D-Q221	Groundwater	4/23/2021 9:12:00 AM	4/23/2021	5/7/2021
N045128-010B	SC-MW-05D-Q221	Groundwater	4/23/2021 9:12:00 AM	4/23/2021	5/7/2021
N045128-010C	SC-MW-05D-Q221	Groundwater	4/23/2021 9:12:00 AM	4/23/2021	5/7/2021
N045128-010D	SC-MW-05D-Q221	Groundwater	4/23/2021 9:12:00 AM	4/23/2021	5/7/2021
N045128-011A	SC-MW-06D-Q221	Groundwater	4/23/2021 10:37:00 AM	4/23/2021	5/7/2021
N045128-011B	SC-MW-06D-Q221	Groundwater	4/23/2021 10:37:00 AM	4/23/2021	5/7/2021
N045128-011C	SC-MW-06D-Q221	Groundwater	4/23/2021 10:37:00 AM	4/23/2021	5/7/2021
N045128-011D	SC-MW-06D-Q221	Groundwater	4/23/2021 10:37:00 AM	4/23/2021	5/7/2021
N045128-012A	SC-MW-06S-Q221	Groundwater	4/23/2021 11:23:00 AM	4/23/2021	5/7/2021
N045128-012B	SC-MW-06S-Q221	Groundwater	4/23/2021 11:23:00 AM	4/23/2021	5/7/2021
N045128-012C	SC-MW-06S-Q221	Groundwater	4/23/2021 11:23:00 AM	4/23/2021	5/7/2021
N045128-012D	SC-MW-06S-Q221	Groundwater	4/23/2021 11:23:00 AM	4/23/2021	5/7/2021
N045128-013A	SA-MW-25D-Q221	Groundwater	4/23/2021 8:28:00 AM	4/23/2021	5/7/2021
N045128-013B	SA-MW-25D-Q221	Groundwater	4/23/2021 8:28:00 AM	4/23/2021	5/7/2021
N045128-013C	SA-MW-25D-Q221	Groundwater	4/23/2021 8:28:00 AM	4/23/2021	5/7/2021
N045128-013D	SA-MW-25D-Q221	Groundwater	4/23/2021 8:28:00 AM	4/23/2021	5/7/2021
N045128-014A	EB-760-Q221	Groundwater	4/23/2021 12:00:00 PM	4/23/2021	5/7/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-001

Client Sample ID: SA-MW-23D-Q221
Collection Date: 4/23/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210426A	QC Batch: R152318			PrepDate:		Analyst: RAB	
Hexavalent Chromium	12	0.025	0.20		µg/L	1	4/26/2021 11:22 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	12	0.035	1.0		µg/L	1	4/26/2021 09:48 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-002

Client Sample ID: SA-MW-30D-Q221
Collection Date: 4/23/2021 10:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426A	QC Batch: R152318		PrepDate:		Analyst: RAB		
Hexavalent Chromium	550	2.5	20		µg/L	100	4/26/2021 02:04 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87254		PrepDate:		Analyst: CEI		
Chromium	550	0.18	5.0		µg/L	5	4/27/2021 08:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-003

Client Sample ID: MW-937-Q221
Collection Date: 4/23/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426A	QC Batch: R152318		PrepDate:		Analyst: RAB		
Hexavalent Chromium	560	2.5	20		µg/L	100	4/26/2021 03:01 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87254		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	580	0.18	5.0		µg/L	5	4/27/2021 08:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-004

Client Sample ID: SA-MW-44D-Q221
Collection Date: 4/23/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426A	QC Batch: R152318		PrepDate:		Analyst: RAB		
Hexavalent Chromium	410	1.3	10		µg/L	50	4/26/2021 11:52 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210427A	QC Batch: 87254		PrepDate:		Analyst: CEI		
Chromium	410	0.18	5.0		µg/L	5	4/27/2021 09:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-005

Client Sample ID: SA-MW-44S-Q221
Collection Date: 4/23/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210426A	QC Batch: R152318			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	4/26/2021 12:01 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	4/26/2021 10:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-006

Client Sample ID: EB-758-Q221
Collection Date: 4/23/2021 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210426A	QC Batch: R152318			PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20	µg/L	1	4/26/2021 12:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-007

Client Sample ID: EB-759-Q221
Collection Date: 4/23/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210426A	QC Batch: R152318	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			4/26/2021 12:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-008

Client Sample ID: SC-MW-10D-Q221
Collection Date: 4/23/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210426A	QC Batch: R152318			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.1	0.025	0.20		µg/L	1	4/26/2021 12:30 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	2.2	0.035	1.0		µg/L	1	4/26/2021 10:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-009

Client Sample ID: SC-MW-10S-Q221
Collection Date: 4/23/2021 8:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210426A	QC Batch: R152318			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.0	0.025	0.20		µg/L	1	4/26/2021 12:58 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	1.4	0.035	1.0		µg/L	1	4/26/2021 10:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-010

Client Sample ID: SC-MW-05D-Q221
Collection Date: 4/23/2021 9:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426A	QC Batch: R152318		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.025	0.20		µg/L	1	4/26/2021 01:08 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	1.6	0.035	1.0		µg/L	1	4/26/2021 10:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-011

Client Sample ID: SC-MW-06D-Q221
Collection Date: 4/23/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210426B	QC Batch: R152319			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.7	0.025	0.20		µg/L	1	4/26/2021 05:32 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	1.9	0.035	1.0		µg/L	1	4/26/2021 10:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-012

Client Sample ID: SC-MW-06S-Q221
Collection Date: 4/23/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210426B	QC Batch: R152319			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.9	0.025	0.20		µg/L	1	4/26/2021 05:42 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Chromium	2.0	0.035	1.0		µg/L	1	4/26/2021 10:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-013

Client Sample ID: SA-MW-25D-Q221
Collection Date: 4/23/2021 8:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210426B	QC Batch: R152319		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.84	0.025	0.20		µg/L	1	4/26/2021 05:51 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254		PrepDate: 4/26/2021		Analyst: CEI		
Chromium	1.0	0.035	1.0		µg/L	1	4/26/2021 10:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-014

Client Sample ID: EB-760-Q221
Collection Date: 4/23/2021 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210426B	QC Batch: R152319	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND 0.025 0.20	µg/L	1 4/26/2021 06:01 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152318	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152318			
Client ID: PBW	Batch ID: R152318	TestNo: EPA 218.6		Analysis Date: 4/26/2021				SeqNo: 4186569			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: LCS-R152318	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152318			
Client ID: LCSW	Batch ID: R152318	TestNo: EPA 218.6		Analysis Date: 4/26/2021				SeqNo: 4186570			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.996	0.20	5.000	0	99.9	90	110				

Sample ID: N045128-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152318			
Client ID: ZZZZZZ	Batch ID: R152318	TestNo: EPA 218.6		Analysis Date: 4/26/2021				SeqNo: 4186582			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1045.490	20	500.0	547.5	99.6	90	110				

Sample ID: N045128-002AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152318			
Client ID: ZZZZZZ	Batch ID: R152318	TestNo: EPA 218.6		Analysis Date: 4/26/2021				SeqNo: 4186583			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1038.510	20	500.0	547.5	98.2	90	110	1045	0.670	20	

Sample ID: N045128-008ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152318			
Client ID: ZZZZZZ	Batch ID: R152318	TestNo: EPA 218.6		Analysis Date: 4/26/2021				SeqNo: 4186586			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	2.143	0.20						2.122	0.990	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R152319	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152319			
Client ID: LCSW	Batch ID: R152319	TestNo: EPA 218.6		Analysis Date: 4/26/2021				SeqNo: 4186596			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.039	0.20	5.000	0	101	90	110				
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Sample ID: MB-R152319	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: PBW	Batch ID: R152319	TestNo: EPA 218.6		Analysis Date: 4/26/2021	SeqNo: 4186597						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: N045111-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6		Analysis Date: 4/26/2021	SeqNo: 4186599						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	46.334	1.0	25.00	21.56	99.1	90	110				
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Sample ID: N045111-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6		Analysis Date: 4/26/2021	SeqNo: 4186600						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	45.992	1.0	25.00	21.56	97.7	90	110	46.33	0.742	20	
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Sample ID: N045127-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152319			
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6		Analysis Date: 4/26/2021				SeqNo: 4186602			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.731	0.20						0.7239	0.976	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045126-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152319						
Client ID: ZZZZZZ	Batch ID: R152319	TestNo: EPA 218.6	Analysis Date: 4/26/2021	SeqNo: 4186610							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	300.414	4.0	100.0	201.5	98.9	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87254	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: PBW	Batch ID: 87254	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191301
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87254	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: LCSW	Batch ID: 87254	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191302
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 9.984 1.0 10.00 0 99.8 85 115

Sample ID: N045112-019DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191310
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.629 1.0 10.00 4.447 91.8 75 125

Sample ID: N045112-019DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020 EPA 3010A		Analysis Date: 4/26/2021	SeqNo: 4191311
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 13.443 1.0 10.00 4.447 90.0 75 125 13.63 1.37 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-001

Client Sample ID: SA-MW-23D-Q221
Collection Date: 4/23/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289						Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/24/2021 08:44 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210427A	QC Batch: R152337						Analyst: RAB
Sulfate	130	0.61	5.0		mg/L	10	4/27/2021 09:23 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289						Analyst: RAB
Nitrate as N	1.3	0.019	0.10		mg/L	2	4/24/2021 08:44 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-002

Client Sample ID: SA-MW-30D-Q221
Collection Date: 4/23/2021 10:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/24/2021 09:17 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210427A	QC Batch: R152337				PrepDate:		Analyst: RAB
Sulfate	26	0.12	1.0		mg/L	2	4/27/2021 09:38 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289				PrepDate:		Analyst: RAB
Nitrate as N	0.31	0.019	0.10		mg/L	2	4/24/2021 09:17 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-003

Client Sample ID: MW-937-Q221
Collection Date: 4/23/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY							
EPA 300.0							
RunID: NV00922-IC8_210424A	QC Batch: R152289			PrepDate:		Analyst: RAB	
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	4/24/2021 11:00 AM
ANIONS BY ION CHROMATOGRAPHY							
EPA 300.0							
RunID: NV00922-IC8_210427A	QC Batch: R152337			PrepDate:		Analyst: RAB	
Sulfate	26	0.12	1.0		mg/L	2	4/27/2021 09:53 AM
ANIONS BY ION CHROMATOGRAPHY							
EPA 300.0							
RunID: NV00922-IC8_210424A	QC Batch: R152289			PrepDate:		Analyst: RAB	
Nitrate as N	0.31	0.019	0.10		mg/L	2	4/24/2021 11:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-004

Client Sample ID: SA-MW-44D-Q221
Collection Date: 4/23/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289	PrepDate:	Analyst: RAB
Nitrate as N	3.5 0.048 0.25	mg/L	5 4/24/2021 11:15 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-005

Client Sample ID: SA-MW-44S-Q221
Collection Date: 4/23/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289	PrepDate:	Analyst: RAB
Nitrate as N	0.12 0.019 0.10	mg/L	2 4/24/2021 09:31 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-008

Client Sample ID: SC-MW-10D-Q221
Collection Date: 4/23/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289	PrepDate:	Analyst: RAB
Nitrate as N	9.2 0.095 0.50	mg/L	10 4/24/2021 11:30 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-009

Client Sample ID: SC-MW-10S-Q221
Collection Date: 4/23/2021 8:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289	PrepDate:	Analyst: RAB
Nitrate as N	10 0.095 0.50	mg/L	10 4/24/2021 11:45 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-010

Client Sample ID: SC-MW-05D-Q221
Collection Date: 4/23/2021 9:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289	PrepDate:	Analyst: RAB
Nitrate as N	9.5 0.095 0.50	mg/L	10 4/24/2021 11:59 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-011

Client Sample ID: SC-MW-06D-Q221
Collection Date: 4/23/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289	PrepDate:	Analyst: RAB
Nitrate as N	13 0.095 0.50	mg/L	10 4/24/2021 12:14 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-012

Client Sample ID: SC-MW-06S-Q221
Collection Date: 4/23/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289	PrepDate:	Analyst: RAB
Nitrate as N	15 0.095 0.50	mg/L	10 4/24/2021 12:29 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-013

Client Sample ID: SA-MW-25D-Q221
Collection Date: 4/23/2021 8:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210424A	QC Batch: R152289	PrepDate:	Analyst: RAB
Nitrate as N	9.5 0.095 0.50	mg/L	10 4/24/2021 12:44 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: MB-R152289_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289
Client ID: PBW	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184894
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	ND	0.10			

Sample ID: LCS-R152289_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289
Client ID: LCSW	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184895
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	1.264	0.10	1.250	0	101 90 110

Sample ID: N045128-001BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184901
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	3.165	0.20	2.500	0	127 80 120 S

Sample ID: N045128-001BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184902
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	3.925	0.20	2.500	0	157 80 120 3.165 21.4 20 SR

Sample ID: N045128-001BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152289
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0		Analysis Date: 4/24/2021	SeqNo: 4184903
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Orthophosphate, Dissolved (as P)	ND	0.20			0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_SO4PGE

Sample ID: MB-R152337_SO4	SampType: MBLK	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152337						
Client ID: PBW	Batch ID: R152337	TestNo: EPA 300.0		Analysis Date: 4/27/2021	SeqNo: 4187807						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate ND 0.50

Sample ID: LCS-R152337_SO4	SampType: LCS	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152337						
Client ID: LCSW	Batch ID: R152337	TestNo: EPA 300.0		Analysis Date: 4/27/2021	SeqNo: 4187808						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate 3.921 0.50 4.000 0 98.0 90 110

Sample ID: N045144-002AMS	SampType: MS	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152337						
Client ID: ZZZZZZ	Batch ID: R152337	TestNo: EPA 300.0		Analysis Date: 4/27/2021	SeqNo: 4187815						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate 916.360 50 400.0 501.5 104 80 120

Sample ID: N045144-002AMSD	SampType: MSD	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152337						
Client ID: ZZZZZZ	Batch ID: R152337	TestNo: EPA 300.0		Analysis Date: 4/27/2021	SeqNo: 4187816						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate 911.390 50 400.0 501.5 102 80 120 916.4 0.544 20

Sample ID: N045144-007AMS	SampType: MS	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152337						
Client ID: ZZZZZZ	Batch ID: R152337	TestNo: EPA 300.0		Analysis Date: 4/27/2021	SeqNo: 4187824						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate 1031.070 50 400.0 615.7 104 80 120

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_SO4PGE

Sample ID: N045128-001BDUP	SampType: DUP	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152337						
Client ID: ZZZZZZ	Batch ID: R152337	TestNo: EPA 300.0	Analysis Date: 4/27/2021	SeqNo: 4187825							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	133.420	5.0						133.9	0.358	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: MB-R152289_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L	Prep Date:				RunNo: 152289				
Client ID: PBW	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021				SeqNo: 4184865				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID: LCS-R152289_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L	Prep Date:				RunNo: 152289				
Client ID: LCSW	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021				SeqNo: 4184866				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.201 0.050 1.250 0 96.1 90 110

Sample ID: N045128-001BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L	Prep Date:	RunNo: 152289							
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021	SeqNo: 4184871							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 3.681 0.10 2.500 1.283 96.0 80 120

Sample ID: N045128-001BMSD	SampType: MSD	TestCode: 300WLLNO3P Units: mg/L	Prep Date:	RunNo: 152289							
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021	SeqNo: 4184872							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 3.658 0.10 2.500 1.283 95.0 80 120 3.681 0.643 20

Sample ID: N045128-001BDUP	SampType: DUP	TestCode: 300WLLNO3P Units: mg/L	Prep Date:				RunNo: 152289				
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021				SeqNo: 4184873				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.245 0.10 1.283 2.98 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045126-001BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152289						
Client ID: ZZZZZZ	Batch ID: R152289	TestNo: EPA 300.0	Analysis Date: 4/24/2021	SeqNo: 4184887							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	9.098	0.25	6.250	3.106	95.9	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-002

Client Sample ID: SA-MW-30D-Q221
Collection Date: 4/23/2021 10:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210428A	QC Batch: R152382		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/28/2021 04:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-003

Client Sample ID: MW-937-Q221
Collection Date: 4/23/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 04:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-004

Client Sample ID: SA-MW-44D-Q221
Collection Date: 4/23/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 05:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-005

Client Sample ID: SA-MW-44S-Q221
Collection Date: 4/23/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 05:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-008

Client Sample ID: SC-MW-10D-Q221
Collection Date: 4/23/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 05:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-009

Client Sample ID: SC-MW-10S-Q221
Collection Date: 4/23/2021 8:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210428A	QC Batch: R152382		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	4/28/2021 05:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-010

Client Sample ID: SC-MW-05D-Q221
Collection Date: 4/23/2021 9:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 06:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-011

Client Sample ID: SC-MW-06D-Q221
Collection Date: 4/23/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 06:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-012

Client Sample ID: SC-MW-06S-Q221
Collection Date: 4/23/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 06:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-013

Client Sample ID: SA-MW-25D-Q221
Collection Date: 4/23/2021 8:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210428A	QC Batch: R152382			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	4/28/2021 07:01 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152382	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152382
Client ID: PBW	Batch ID: R152382	TestNo: SM 5310C		Analysis Date: 4/28/2021	SeqNo: 4189262
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID: LCS-R152382	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152382
Client ID: LCSW	Batch ID: R152382	TestNo: SM 5310C		Analysis Date: 4/28/2021	SeqNo: 4189263
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.024	1.0	5.000	0	100 85 115

Sample ID: N045112-019CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152382
Client ID: ZZZZZZ	Batch ID: R152382	TestNo: SM 5310C		Analysis Date: 4/28/2021	SeqNo: 4189265
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.031	1.0	5.000	0.4573	91.5 75 125

Sample ID: N045112-019CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152382
Client ID: ZZZZZZ	Batch ID: R152382	TestNo: SM 5310C		Analysis Date: 4/28/2021	SeqNo: 4189266
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.127	1.0	5.000	0.4573	93.4 75 125 5.030 1.91 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-001

Client Sample ID: SA-MW-23D-Q221
Collection Date: 4/23/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	340	18	20		ug/L	1	4/29/2021 10:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-002

Client Sample ID: SA-MW-30D-Q221
Collection Date: 4/23/2021 10:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/29/2021 10:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-003

Client Sample ID: MW-937-Q221
Collection Date: 4/23/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/29/2021 10:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-004

Client Sample ID: SA-MW-44D-Q221
Collection Date: 4/23/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	200	18	20		ug/L	1	4/29/2021 10:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-005

Client Sample ID: SA-MW-44S-Q221
Collection Date: 4/23/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	63	18	20		ug/L	1	4/29/2021 11:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-008

Client Sample ID: SC-MW-10D-Q221
Collection Date: 4/23/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	56	18	20		ug/L	1	4/29/2021 11:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-009

Client Sample ID: SC-MW-10S-Q221
Collection Date: 4/23/2021 8:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	170	18	20		ug/L	1	4/29/2021 11:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-010

Client Sample ID: SC-MW-05D-Q221
Collection Date: 4/23/2021 9:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/29/2021 11:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-011

Client Sample ID: SC-MW-06D-Q221
Collection Date: 4/23/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	4/29/2021 11:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-012

Client Sample ID: SC-MW-06S-Q221
Collection Date: 4/23/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	84	18	20		ug/L	1	4/29/2021 11:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-013

Client Sample ID: SA-MW-25D-Q221
Collection Date: 4/23/2021 8:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210429E	QC Batch: 87277			PrepDate:	4/27/2021	Analyst: DJ	
Iron	160	18	20		ug/L	1	4/29/2021 11:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87277	SampType: MBLK	TestCode: 6010_WDPGE	Units: ug/L	Prep Date: 4/27/2021	RunNo: 152398
Client ID: PBW	Batch ID: 87277	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189759
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS-87277	SampType: LCS	TestCode: 6010_WDPGE	Units: ug/L	Prep Date: 4/27/2021	RunNo: 152398
Client ID: LCSW	Batch ID: 87277	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189760
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	85.613	20	100.0	0	85.6 85 115

Sample ID: N045126-001C-MS	SampType: MS	TestCode: 6010_WDPGE	Units: ug/L	Prep Date: 4/27/2021	RunNo: 152398
Client ID: ZZZZZZ	Batch ID: 87277	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189768
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	101.453	20	100.0	0	101 75 125

Sample ID: N045126-001C-MSD	SampType: MSD	TestCode: 6010_WDPGE	Units: ug/L	Prep Date: 4/27/2021	RunNo: 152398
Client ID: ZZZZZZ	Batch ID: 87277	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/29/2021	SeqNo: 4189769
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	274.540	20	100.0	0	275 75 125 101.5 92.1 20 SR

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N045126-001C-PS	SampType: PS	TestCode: 6010_WDPGE	Units: ug/L	Prep Date:	RunNo: 152398						
Client ID: ZZZZZZ	Batch ID: 87277	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/29/2021	SeqNo: 4189767						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	228.974	20	100.0	0	229	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-001

Client Sample ID: SA-MW-23D-Q221
Collection Date: 4/23/2021 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	1.4	0.050	0.10		µg/L	1	4/26/2021 09:48 PM
Manganese	10	0.026	0.50		µg/L	1	4/26/2021 09:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-002

Client Sample ID: SA-MW-30D-Q221
Collection Date: 4/23/2021 10:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	0.93	0.050	0.10	µg/L	4/26/2021 11:05 PM
Manganese	64	0.026	0.50	µg/L	4/26/2021 09:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-003

Client Sample ID: MW-937-Q221
Collection Date: 4/23/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	0.88	0.050	0.10		µg/L	1	4/26/2021 10:00 PM
Manganese	68	0.026	0.50		µg/L	1	4/26/2021 10:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-004

Client Sample ID: SA-MW-44D-Q221
Collection Date: 4/23/2021 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	0.83	0.050	0.10		µg/L	1	4/26/2021 10:06 PM
Manganese	12	0.026	0.50		µg/L	1	4/26/2021 10:06 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-005

Client Sample ID: SA-MW-44S-Q221
Collection Date: 4/23/2021 9:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	0.78	0.050	0.10		µg/L	1	4/26/2021 10:23 PM
Manganese	1.3	0.026	0.50		µg/L	1	4/26/2021 10:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-008

Client Sample ID: SC-MW-10D-Q221
Collection Date: 4/23/2021 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	0.96	0.050	0.10		µg/L	1	4/26/2021 10:29 PM
Manganese	1.2	0.026	0.50		µg/L	1	4/26/2021 10:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-009

Client Sample ID: SC-MW-10S-Q221
Collection Date: 4/23/2021 8:19:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	2.0	0.050	0.10		µg/L	1	4/26/2021 10:35 PM
Manganese	2.9	0.026	0.50		µg/L	1	4/26/2021 10:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-010

Client Sample ID: SC-MW-05D-Q221
Collection Date: 4/23/2021 9:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	2.0	0.050	0.10		µg/L	1	4/26/2021 10:41 PM
Manganese	0.80	0.026	0.50		µg/L	1	4/26/2021 10:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-011

Client Sample ID: SC-MW-06D-Q221
Collection Date: 4/23/2021 10:37:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	2.0	0.050	0.10	µg/L	4/26/2021 10:47 PM
Manganese	ND	0.026	0.50	µg/L	4/26/2021 10:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-012

Client Sample ID: SC-MW-06S-Q221
Collection Date: 4/23/2021 11:23:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate: 4/26/2021	Analyst: CEI
Arsenic	1.8	0.050	0.10	µg/L	4/26/2021 10:53 PM
Manganese	ND	0.026	0.50	µg/L	4/26/2021 10:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 07-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045128
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045128-013

Client Sample ID: SA-MW-25D-Q221
Collection Date: 4/23/2021 8:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210426A	QC Batch: 87254			PrepDate:	4/26/2021	Analyst: CEI	
Arsenic	0.78	0.050	0.10		µg/L	1	4/26/2021 10:59 PM
Manganese	1.7	0.026	0.50		µg/L	1	4/26/2021 10:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045128
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87254	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: PBW	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191370						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	0.10									
Manganese	ND	0.50									

Sample ID: LCS-87254	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: LCSW	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191371						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	9.757	0.10	10.00	0	97.6	85	115				
Manganese	98.069	0.50	100.0	0	98.1	85	115				

Sample ID: N045112-019DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191379						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.574	0.10	10.00	0.8694	97.0	75	125				
Manganese	95.922	0.50	100.0	4.828	91.1	75	125				

Sample ID: N045112-019DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 4/26/2021	RunNo: 152426						
Client ID: ZZZZZZ	Batch ID: 87254	TestNo: EPA 6020	EPA 3010A	Analysis Date: 4/26/2021	SeqNo: 4191380						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.359	0.10	10.00	0.8694	94.9	75	125	10.57	2.05	20	
Manganese	95.661	0.50	100.0	4.828	90.8	75	125	95.92	0.272	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



"Serving Clients with Passion and Professionalism"

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046



ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

ARCUS02 C: 5/7/2021 12:00 AM
FOLDER R: 4/23/2021
N045128-015A 1 of 1



Page 1 of 2

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EOD Requirement: EQ EDD		RTNE		Sample Receipt Summary	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RWQCB		1. Chilled	
Email: tonya.russi@arcadis.com daniel.moore@erttgen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		LabSpec		CellTrans		2. Headspace	
Phone: 1 916 885 3168		Submitted By: Brian Martinez		Phone: 951.677.0577		Others		LEVEL III		3. Container Intact	
Title: Field Tech		Signature: [Signature]		P.O.# PENDING		Specify: EQ EDD		LEVEL IV		4. Seal Present	
Signature: [Signature]		Date: 4/23/21		Fax:		Global ID:		Regulatory		5. IR number	
I hereby authorize ASSET Labs to perform the tests indicated below.		Sampled By: [Signature]		Ground-water		Specify State:		6. Method of Cooling:		6. Method of Cooling:	
Project Name: PG&E Hinkley - COMP B		Signature: [Signature]		Date: 4/23/21		Matrix		Sample Temp: 14.9/12.4°C		Tracking No.:	
Project Number: 30046045		NPDES		Surface		Potable		Soil		Other Solid	
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others	
N045128-01		SA-MW-23D-Q221		4/23/2021		1140		X		X	
-02		SA-MW-30D-Q221		4/23/2021		1028		X		X	
-03		MW-937-Q221		4/23/2021		1038		X		X	
-04		SA-MW-44D-Q221		4/23/2021		1020		X		X	
-05		SA-MW-44S-Q221		4/23/2021		0936		X		X	
-06		EB-758-Q221		4/23/2021		1030		X		X	
-07		EB-759-Q221		4/23/2021		1140		X		X	
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1210		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1210		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1456		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1456		A < 24 Hrs or Same Day TAT			
Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1456		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1456		B = Next Workday			
								C = 2 Workdays			
								D = 3 Workdays			
								E = Routine 5-7 Workdays			
								TAT Starts at 8 AM the following day if samples received after 3:00PM.			
Terms		5. Trip Blank and Equipment Blank is blank sample.		Preservatives:		Container Type:		H=HCL		N=HNO3	
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		S=H2SO4		C=4°C		T=Tube		V=VOA	
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.		7. Terms are net 30 days.		T=Na2S2O3				J=Jar		B=Tedlar	
Less than 24 Hrs -200% Next Day-100% 2 Workdays-50% 3 Workdays-35% 4 Workdays-20%		8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		Z=Zn(AC)2		O=NaOH		M=Metal		G=Glass	
3. Outmost EDD format will be an additional 15% of the total project price.		9. For subsampled analysis, TAT and Blankings will vary.		Others/Specify: B		(NH4)2SO4/NH4OH		M=Metal		C=Can	
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on total.											



ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Contact us:
 Nevada: 3151 W. Post Road, Las Vegas, NV 89118
 P: 702.307.2659 F: 702.307.2691
 California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
 P: 562.219.7435 F: 562.219.7436
 www.assetlaboratories.com

Page

2 of 2

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled	
Email: tonya.russi@arcadis.com		Email: daniel.moore@crittgen.com		Address:		Geotracker		RWQCB		2. Headspace	
Phone: 1 916 865 3168		Fax:		Email to: lisa.kellogg@arcadis.com		Labapac		CaTrans		3. Container Intact	
Submitted By: Brian Martinez		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Phone: 951.677.0577		Others		LEVEL III		4. Seal Present	
Title: Field Tech		Phone: 1 916 865 3168		P.O.# PENDING		Specify: EQ EDD		LEVEL IV		5. IR number	
Signature: [Signature]		Date: 4/23/21		Fax:		Global ID:		Regulatory		6. Method of Cooling:	
Project Name: PG&E Hinkley - COMP B		Signature: [Signature]		Date: 4/23/21		Matrix		Specify State:		Sample Temp: 1.9/2.4°C	
Project Number: 30046045		Ground-water		x Sediment		Potable		Soil		Tracking No.:	
		NPDES		Other Solid		Surface					
		Sample Date		Sample Time		Others					
		CR(V) (E218.0) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly		Anions (E300.0) NO3N, 4°C, 1000ml Poly		Ortho-Phosphate (E300.0), 4°C, 1000ml Poly		Anions (E300.0) SO4, 4°C, 1000ml Poly		TDS (SM2540C), 4°C, 1000ml Poly	
		Gross Alpha (E900), HNO3; 2x1000ml Poly		Gross Beta (E900), HNO3; 2x1000ml Poly		TOC (SM5310) H2SO4, 4°C, 3x40 ml VOA		Metals Dissolved (6020AFF) As; HNO3, 4°C, 500 ml Poly		Metals Dissolved (6010BD1a) Fe; HNO3, 4°C, 500 ml Poly	
		Metals Dissolved (6020AFF) Mn; HNO3, 4°C, 500 ml Poly		Metals Dissolved (6020AFF) Cr; HNO3, 4°C, 500 ml Poly		Uranium (E200.8FF) HNO3, 4°C, 500 ml Poly		Eosine, Fluorescent; 4°C (plus ice); 50ml Centrifuge tube			
		Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time	
		N045128-08		SC-MW-10D-Q221		4/23/2021		0857			
		-09		SC-MW-10S-Q221		4/23/2021		0819			
		-10		SC-MW-05D-Q221		4/23/2021		0912			
		-11		SC-MW-06D-Q221		4/23/2021		1037			
		-12		SC-MW-06S-Q221		4/23/2021		1123			
		-13		SA-MW-25D-Q221		4/23/2021		0828			
		-14		EB-760-Q221		4/23/2021		1200			
		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1210		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1210		Turn Around Time (TAT)	
		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1456		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1456		Special Instruction:	
		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1456		Relinquished by (Signature and Printed Name): [Signature]		Date/Time: 4/23/21 1456		TAT Starts at 8 AM the following day if samples received after 3:00PM.	
		Terms:		1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.		3. Less than 24 hrs = 200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20%		4. Custom EDD surcharge will be an additional 3% of the total project price.	
		5. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total.		6. Trip Blank and Equipment Blank are bilable sample.		7. Asset Laboratories is not responsible for samples collected using incorrect methodology.		8. Terms are net 30 days.		9. All reports are submitted in electronic format. Please inform Asset Laboratories if hard copy of report is needed.	
		10. For subcorrect analysis, TAT and Surcharge will vary.		Preservatives:		H=HCL N=HNO3 S=H2SO4 C=4°C T=Tube V=VOA P=Pin		Z=Zn(AC)2 O=NaOH T=Na2S2O8 J=Jar B=Tedlar G=Glass		Others/Specify: B (NH4)2SO4/NH4OH M=Metal M=Metal C=Can	

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/23/2021

Workorder: N045128

Rep sample Temp (Deg C): 1.9/2.4

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR *YAT* 4/26/2021

Reviewed By: *ABC* 4/30/2021

ASSET Laboratories

WORK ORDER Summary

26-Apr-21

WorkOrder: N045128

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/23/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045128-001A	SA-MW-23D-Q221	4/23/2021 11:40:00 AM	5/7/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-001B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-001C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-002A	SA-MW-30D-Q221	4/23/2021 10:28:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-002B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-002C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-002D			5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-003A			5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-003B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

26-Apr-21

WorkOrder: N045128

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/23/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045128-003B	MW-937-Q221	4/23/2021 10:38:00 AM	5/7/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-003C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-003D			5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-004A	SA-MW-44D-Q221	4/23/2021 10:20:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-004B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-004C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-004D			5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-005A	SA-MW-44S-Q221	4/23/2021 9:36:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-005B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-005C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

26-Apr-21

WorkOrder: N045128

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/23/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045128-005D	SA-MW-44S-Q221	4/23/2021 9:36:00 AM	5/7/2021	Groundwater	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-006A	EB-758-Q221	4/23/2021 10:30:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-007A	EB-759-Q221	4/23/2021 11:40:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-008A	SC-MW-10D-Q221	4/23/2021 8:57:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-008B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-008C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-008D			5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-009A	SC-MW-10S-Q221	4/23/2021 8:19:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-009B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-009C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-009D			5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-010A	SC-MW-05D-Q221	4/23/2021 9:12:00 AM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-010B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-010C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

26-Apr-21

WorkOrder: N045128

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/23/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045128-010C	SC-MW-05D-Q221	4/23/2021 9:12:00 AM	5/7/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-010D	SC-MW-06D-Q221	4/23/2021 10:37:00 AM	5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-011A			5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-011B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-011C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-011D	SC-MW-06S-Q221	4/23/2021 11:23:00 AM	5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-012A			5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-012B			5/7/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-012C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-012D	SA-MW-25D-Q221	4/23/2021 8:28:00 AM	5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-013A			5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

26-Apr-21

WorkOrder: N045128

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 4/23/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045128-013B	SA-MW-25D-Q221	4/23/2021 8:28:00 AM	5/7/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-013C			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/7/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-013D			5/7/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045128-014A	EB-760-Q221	4/23/2021 12:00:00 PM	5/7/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045128-015A	FOLDER	5/7/2021	5/7/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/7/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/7/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 14, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045245

RE: PG&E Hinkley - COMP B, 30046045

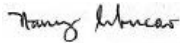
Attention: Tonya Russi

Enclosed are the results for sample(s) received on May 03, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045245

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery and RPD criteria for Orthophosphate, Dissolved (as P) in QC samples N045245-005BMS and N045245-005BMSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Iron in QC samples N045245-001D-MS1 and N045245-001D-MSD1 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for SM 5310C:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N045144-002BMS and N045144-002BMSD at 1x dilution possibly due to matrix interference. QC samples were diluted and recovery passed criteria. Thus sample reference N045144-002 and MS/MSD were reported at 10x dilution. The associated Laboratory Control Sample (LCS) recovery was acceptable.



ASSET Laboratories

Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045245
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045245-001A	MW-182D-Q221	Groundwater	5/3/2021 11:10:00 AM	5/3/2021	5/14/2021
N045245-001B	MW-182D-Q221	Groundwater	5/3/2021 11:10:00 AM	5/3/2021	5/14/2021
N045245-001C	MW-182D-Q221	Groundwater	5/3/2021 11:10:00 AM	5/3/2021	5/14/2021
N045245-001D	MW-182D-Q221	Groundwater	5/3/2021 11:10:00 AM	5/3/2021	5/14/2021
N045245-002A	MW-183D-Q221	Groundwater	5/3/2021 10:04:00 AM	5/3/2021	5/14/2021
N045245-002B	MW-183D-Q221	Groundwater	5/3/2021 10:04:00 AM	5/3/2021	5/14/2021
N045245-002C	MW-183D-Q221	Groundwater	5/3/2021 10:04:00 AM	5/3/2021	5/14/2021
N045245-002D	MW-183D-Q221	Groundwater	5/3/2021 10:04:00 AM	5/3/2021	5/14/2021
N045245-003A	MW-945-Q221	Groundwater	5/3/2021 10:14:00 AM	5/3/2021	5/14/2021
N045245-003B	MW-945-Q221	Groundwater	5/3/2021 10:14:00 AM	5/3/2021	5/14/2021
N045245-003C	MW-945-Q221	Groundwater	5/3/2021 10:14:00 AM	5/3/2021	5/14/2021
N045245-003D	MW-945-Q221	Groundwater	5/3/2021 10:14:00 AM	5/3/2021	5/14/2021
N045245-004A	CA-MW-101-Q221	Groundwater	5/3/2021 12:34:00 PM	5/3/2021	5/14/2021
N045245-005A	CA-MW-101D-Q221	Groundwater	5/3/2021 12:00:00 PM	5/3/2021	5/14/2021
N045245-005B	CA-MW-101D-Q221	Groundwater	5/3/2021 12:00:00 PM	5/3/2021	5/14/2021
N045245-005C	CA-MW-101D-Q221	Groundwater	5/3/2021 12:00:00 PM	5/3/2021	5/14/2021
N045245-006A	CA-MW-510D-Q221	Groundwater	5/3/2021 10:59:00 AM	5/3/2021	5/14/2021
N045245-006B	CA-MW-510D-Q221	Groundwater	5/3/2021 10:59:00 AM	5/3/2021	5/14/2021
N045245-006C	CA-MW-510D-Q221	Groundwater	5/3/2021 10:59:00 AM	5/3/2021	5/14/2021
N045245-006D	CA-MW-510D-Q221	Groundwater	5/3/2021 10:59:00 AM	5/3/2021	5/14/2021
N045245-007A	CA-MW-511-Q221	Groundwater	5/3/2021 11:45:00 AM	5/3/2021	5/14/2021
N045245-007B	CA-MW-511-Q221	Groundwater	5/3/2021 11:45:00 AM	5/3/2021	5/14/2021
N045245-007C	CA-MW-511-Q221	Groundwater	5/3/2021 11:45:00 AM	5/3/2021	5/14/2021
N045245-007D	CA-MW-511-Q221	Groundwater	5/3/2021 11:45:00 AM	5/3/2021	5/14/2021
N045245-008A	CA-MW-102D-Q221	Groundwater	5/3/2021 10:03:00 AM	5/3/2021	5/14/2021
N045245-009A	EB-761-Q221	Groundwater	5/3/2021 1:00:00 PM	5/3/2021	5/14/2021
N045245-010A	EB-762-Q221	Groundwater	5/3/2021 12:30:00 PM	5/3/2021	5/14/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-001

Client Sample ID: MW-182D-Q221
Collection Date: 5/3/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210504A	QC Batch: R152511		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.4	0.025	0.20		µg/L	1	5/4/2021 10:56 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210510A	QC Batch: 87410		PrepDate:		5/6/2021	Analyst: CEI	
Chromium	3.0	0.035	1.0		µg/L	1	5/10/2021 07:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-002

Client Sample ID: MW-183D-Q221
Collection Date: 5/3/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210504A	QC Batch: R152511		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.1	0.025	0.20		µg/L	1	5/4/2021 11:08 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210510A	QC Batch: 87410		PrepDate:		5/6/2021	Analyst: CEI	
Chromium	3.8	0.035	1.0		µg/L	1	5/10/2021 08:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-003

Client Sample ID: MW-945-Q221
Collection Date: 5/3/2021 10:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210504A	QC Batch: R152511		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.2	0.025	0.20		µg/L	1	5/4/2021 11:17 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210510A	QC Batch: 87410		PrepDate:		5/6/2021	Analyst: CEI	
Chromium	3.7	0.035	1.0		µg/L	1	5/10/2021 08:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-005

Client Sample ID: CA-MW-101D-Q221
Collection Date: 5/3/2021 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210504A	QC Batch: R152511			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/4/2021 11:27 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210510A	QC Batch: 87410			PrepDate:	5/6/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	5/10/2021 08:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-006

Client Sample ID: CA-MW-510D-Q221
Collection Date: 5/3/2021 10:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210504A	QC Batch: R152511		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.61	0.025	0.20		µg/L	1	5/4/2021 06:40 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210510A	QC Batch: 87410		PrepDate:		5/6/2021	Analyst: CEI	
Chromium	1.3	0.035	1.0		µg/L	1	5/10/2021 08:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-007

Client Sample ID: CA-MW-511-Q221
Collection Date: 5/3/2021 11:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210504A	QC Batch: R152511		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.2	0.025	0.20		µg/L	1	5/4/2021 11:45 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210510A	QC Batch: 87410		PrepDate:		5/6/2021	Analyst: CEI	
Chromium	2.8	0.035	1.0		µg/L	1	5/10/2021 09:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-009

Client Sample ID: EB-761-Q221
Collection Date: 5/3/2021 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210504A	QC Batch: R152511	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			5/4/2021 12:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-010

Client Sample ID: EB-762-Q221
Collection Date: 5/3/2021 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210504A	QC Batch: R152511	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			5/4/2021 02:50 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R152511	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152511
Client ID: PBW	Batch ID: R152511	TestNo: EPA 218.6		Analysis Date: 5/4/2021	SeqNo: 4194809
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R152511	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152511
Client ID: LCSW	Batch ID: R152511	TestNo: EPA 218.6		Analysis Date: 5/4/2021	SeqNo: 4194810
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.940	0.20	5.000	0	98.8 90 110

Sample ID N045245-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152511
Client ID: ZZZZZ	Batch ID: R152511	TestNo: EPA 218.6		Analysis Date: 5/4/2021	SeqNo: 4194816
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.414	0.20	1.000	2.355	106 90 110

Sample ID N045245-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152511
Client ID: ZZZZZ	Batch ID: R152511	TestNo: EPA 218.6		Analysis Date: 5/4/2021	SeqNo: 4194817
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.368	0.20	1.000	2.355	101 90 110 3.414 1.34 20

Sample ID N045245-007ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152511
Client ID: ZZZZZ	Batch ID: R152511	TestNo: EPA 218.6		Analysis Date: 5/4/2021	SeqNo: 4194832
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	2.247	0.20			2.203 2.01 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87410	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	5/6/2021	RunNo:	152656		
Client ID:	PBW	Batch ID:	87410	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	5/10/2021	SeqNo:	4203574		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0									
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Sample ID	LCS-87410	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	5/6/2021	RunNo:	152656		
Client ID:	LCSW	Batch ID:	87410	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	5/10/2021	SeqNo:	4203575		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.334	1.0	10.00	0	103	85	115				
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Sample ID	N045245-001D-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/6/2021	RunNo: 152656					
Client ID: ZZZZZZ	Batch ID: 87410	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/10/2021	SeqNo: 4203579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	12.767	1.0	10.00	2.988	97.8	75	125				
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Sample ID	N045245-001D-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/6/2021	RunNo: 152656					
Client ID: ZZZZZZ	Batch ID: 87410	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/10/2021	SeqNo: 4203580						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	12.553	1.0	10.00	2.988	95.6	75	125	12.77	1.69	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-001

Client Sample ID: MW-182D-Q221
Collection Date: 5/3/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A	QC Batch: R152487			PrepDate:		Analyst: RAB
Nitrate as N	1.4	0.019	0.10	mg/L	2	5/4/2021 11:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-002

Client Sample ID: MW-183D-Q221
Collection Date: 5/3/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A	QC Batch: R152487	PrepDate:	Analyst: RAB
Nitrate as N	2.3 0.048 0.25	mg/L	5 5/4/2021 12:09 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-003

Client Sample ID: MW-945-Q221
Collection Date: 5/3/2021 10:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A	QC Batch: R152487			PrepDate:		Analyst: RAB
Nitrate as N	2.3	0.048	0.25	mg/L	5	5/4/2021 03:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-004

Client Sample ID: CA-MW-101-Q221
Collection Date: 5/3/2021 12:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A **QC Batch:** R152487 **PrepDate:** **Analyst:** RAB
 Orthophosphate, Dissolved (as P) 0.85 0.19 0.20 mg/L 2 5/4/2021 10:09 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-005

Client Sample ID: CA-MW-101D-Q221
Collection Date: 5/3/2021 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A	QC Batch: R152487			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	5/4/2021 10:23 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A	QC Batch: R152487			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10	mg/L	2	5/4/2021 10:23 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-006

Client Sample ID: CA-MW-510D-Q221
Collection Date: 5/3/2021 10:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A	QC Batch: R152487			PrepDate:		Analyst: RAB
Nitrate as N	5.2	0.048	0.25	mg/L	5	5/4/2021 01:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-007

Client Sample ID: CA-MW-511-Q221
Collection Date: 5/3/2021 11:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A	QC Batch: R152487	PrepDate:	Analyst: RAB
Nitrate as N	10 0.095 0.50	mg/L	10 5/4/2021 02:53 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-008

Client Sample ID: CA-MW-102D-Q221
Collection Date: 5/3/2021 10:03:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210504A	QC Batch: R152487	PrepDate:	Analyst: RAB
Orthophosphate, Dissolved (as P)	ND 0.19	0.20	mg/L 2 5/4/2021 10:38 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID	MB-R152487_PO4	SampType:	MBLK	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152487			
Client ID:	PBW	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193697			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		ND		0.10										

Sample ID	LCS-R152487_PO4	SampType:	LCS	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152487			
Client ID:	LCSW	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193698			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		1.309		0.10	1.250	0		105	90	110				

Sample ID	N045245-005BMS	SampType:	MS	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152487			
Client ID:	ZZZZZZ	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193702			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		3.210		0.20	2.500	0		128	80	120				S

Sample ID	N045245-005BMSD	SampType:	MSD	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152487			
Client ID:	ZZZZZZ	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193703			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		4.026		0.20	2.500	0		161	80	120	3.210	22.5	20	SR

Sample ID	N045245-004ADUP	SampType:	DUP	TestCode:	300_W_PO4P	Units:	mg/L	Prep Date:		RunNo:	152487			
Client ID:	ZZZZZZ	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193704			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)		0.828		0.20							0.8528	2.98	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	MB-R1152487_NO3	SampType:	MBLK	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152487		
Client ID:	PBW	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193674		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID	LCS-R1152487_NO3	SampType:	LCS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152487			
Client ID:	LCSW	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193675			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.239 0.050 1.250 0 99.1 90 110

Sample ID	N045245-005BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152487			
Client ID:	ZZZZZZ	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193678			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 2.431 0.10 2.500 0 97.2 80 120

Sample ID	N045245-005BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152487		
Client ID:	ZZZZZZ	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193679		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 2.388 0.10 2.500 0 95.5 80 120 2.431 1.77 20

Sample ID	N045245-004ADUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152487			
Client ID:	ZZZZZZ	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193680			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.10 0 0 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N045245-006BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	152487		
Client ID:	ZZZZZZ	Batch ID:	R152487	TestNo:	EPA 300.0			Analysis Date:	5/4/2021	SeqNo:	4193686		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		5.132		0.25						5.166	0.660	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-001

Client Sample ID: MW-182D-Q221
Collection Date: 5/3/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210504A	QC Batch: R152520			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/4/2021 04:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-002

Client Sample ID: MW-183D-Q221
Collection Date: 5/3/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210504A	QC Batch: R152520			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/4/2021 04:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-003

Client Sample ID: MW-945-Q221
Collection Date: 5/3/2021 10:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210504A	QC Batch: R152520			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/4/2021 04:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-006

Client Sample ID: CA-MW-510D-Q221
Collection Date: 5/3/2021 10:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210504A	QC Batch: R152520			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/4/2021 05:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-007

Client Sample ID: CA-MW-511-Q221
Collection Date: 5/3/2021 11:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210504A	QC Batch: R152520			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/4/2021 05:24 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID MB-R152520	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152520
Client ID: PBW	Batch ID: R152520	TestNo: SM 5310C		Analysis Date: 5/4/2021	SeqNo: 4195294
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID LCS-R152520	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152520
Client ID: LCSW	Batch ID: R152520	TestNo: SM 5310C		Analysis Date: 5/4/2021	SeqNo: 4195295
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	5.025	1.0	5.000	0	101 85 115

Sample ID N045144-002BMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152520
Client ID: ZZZZZZ	Batch ID: R152520	TestNo: SM 5310C		Analysis Date: 5/4/2021	SeqNo: 4195297
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	52.732	10	50.00	4.800	95.9 75 125

Sample ID N045144-002BMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152520
Client ID: ZZZZZZ	Batch ID: R152520	TestNo: SM 5310C		Analysis Date: 5/4/2021	SeqNo: 4195298
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	51.904	10	50.00	4.800	94.2 75 125 52.73 1.58 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-001

Client Sample ID: MW-182D-Q221
Collection Date: 5/3/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87411			PrepDate:	5/6/2021	Analyst: DJ	
Iron	1600	18	20		ug/L	1	5/7/2021 03:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-002

Client Sample ID: MW-183D-Q221
Collection Date: 5/3/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87411			PrepDate:	5/6/2021	Analyst: DJ	
Iron	1400	18	20		ug/L	1	5/7/2021 03:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-003

Client Sample ID: MW-945-Q221
Collection Date: 5/3/2021 10:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87411			PrepDate:	5/6/2021	Analyst: DJ	
Iron	1100	18	20		ug/L	1	5/7/2021 03:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-006

Client Sample ID: CA-MW-510D-Q221
Collection Date: 5/3/2021 10:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210507C	QC Batch: 87411			PrepDate: 5/6/2021		Analyst: DJ
Iron	1900	18	20	ug/L	1	5/7/2021 03:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-007

Client Sample ID: CA-MW-511-Q221
Collection Date: 5/3/2021 11:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP
EPA 3010A
EPA 6010B

RunID: NV00922-ICP2_210507C	QC Batch: 87411			PrepDate: 5/6/2021	Analyst: DJ		
Iron	1400	18	20	ug/L	1	5/7/2021 04:03 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID MB-87411	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/6/2021	RunNo: 152603
Client ID: PBW	Batch ID: 87411	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/7/2021	SeqNo: 4200299
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID LCS1-87411	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/6/2021	RunNo: 152603
Client ID: LCSW	Batch ID: 87411	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/7/2021	SeqNo: 4200302
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	87.171	20	100.0	0	87.2 85 115

Sample ID N045245-001D-MS1	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/6/2021	RunNo: 152603
Client ID: ZZZZZZ	Batch ID: 87411	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/7/2021	SeqNo: 4200306
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	1254.357	20	100.0	1593	-339 75 125 S

Sample ID N045245-001D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/6/2021	RunNo: 152603
Client ID: ZZZZZZ	Batch ID: 87411	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/7/2021	SeqNo: 4200307
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	1152.897	20	100.0	1593	-440 75 125 1254 8.43 20 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID	N045245-001D-PS	SampType:	PS	TestCode:	6010_WDPG	Units:	ug/L	Prep Date:		RunNo:	152603
Client ID:	ZZZZZZ	Batch ID:	87411	TestNo:	EPA 6010B EPA 3010A			Analysis Date:	5/7/2021	SeqNo:	4200305
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Iron		1203.642		20	100.0	1593	-389	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-001

Client Sample ID: MW-182D-Q221
Collection Date: 5/3/2021 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210510A	QC Batch: 87410			PrepDate: 5/6/2021		Analyst: CEI
Arsenic	0.61	0.050	0.10	µg/L	1	5/10/2021 07:50 PM
Manganese	5.1	0.026	0.50	µg/L	1	5/10/2021 07:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-002

Client Sample ID: MW-183D-Q221
Collection Date: 5/3/2021 10:04:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210510A	QC Batch: 87410			PrepDate: 5/6/2021		Analyst: CEI
Arsenic	2.8	0.050	0.10	µg/L	1	5/10/2021 08:20 PM
Manganese	3.5	0.026	0.50	µg/L	1	5/10/2021 08:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-003

Client Sample ID: MW-945-Q221
Collection Date: 5/3/2021 10:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210510A	QC Batch: 87410			PrepDate:	5/6/2021	Analyst: CEI	
Arsenic	2.8	0.050	0.10		µg/L	1	5/10/2021 08:26 PM
Manganese	3.8	0.026	0.50		µg/L	1	5/10/2021 08:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-005

Client Sample ID: CA-MW-101D-Q221
Collection Date: 5/3/2021 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210510A	QC Batch: 87410			PrepDate:	5/6/2021	Analyst: CEI	
Manganese	3100	0.66	12		µg/L	25	5/10/2021 08:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-006

Client Sample ID: CA-MW-510D-Q221
Collection Date: 5/3/2021 10:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210510A	QC Batch: 87410			PrepDate: 5/6/2021		Analyst: CEI
Arsenic	1.3	0.050	0.10	µg/L	1	5/10/2021 08:55 PM
Manganese	4.9	0.026	0.50	µg/L	1	5/10/2021 08:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 14-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045245
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045245-007

Client Sample ID: CA-MW-511-Q221
Collection Date: 5/3/2021 11:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210510A	QC Batch: 87410			PrepDate:	5/6/2021	Analyst: CEI	
Arsenic	1.3	0.050	0.10		µg/L	1	5/10/2021 09:01 PM
Manganese	1.7	0.026	0.50		µg/L	1	5/10/2021 09:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045245
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID MB-87410	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/6/2021	RunNo: 152656
Client ID: PBW	Batch ID: 87410	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/10/2021	SeqNo: 4203642
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID LCS-87410	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/6/2021	RunNo: 152656
Client ID: LCSW	Batch ID: 87410	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/10/2021	SeqNo: 4203643
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.474	0.10	10.00	0	105	85	115
Manganese	101.983	0.50	100.0	0	102	85	115

Sample ID N045245-001D-MS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/6/2021	RunNo: 152656
Client ID: ZZZZZZ	Batch ID: 87410	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/10/2021	SeqNo: 4203647
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	11.283	0.10	10.00	0.6087	107	75	125
Manganese	104.055	0.50	100.0	5.104	99.0	75	125

Sample ID N045245-001D-MSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/6/2021	RunNo: 152656
Client ID: ZZZZZZ	Batch ID: 87410	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/10/2021	SeqNo: 4203648
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.968	0.10	10.00	0.6087	104	75	125	11.28	2.84	20
Manganese	104.190	0.50	100.0	5.104	99.1	75	125	104.1	0.130	20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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1 of 2

Client: Arcadis		Report to: Tonya Russi Company: Arcadis		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Address:		P.O.# PENDING		Fax:	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: tonya.russi@arcadis.com daniel.moore@crtllgen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Phone: 951.677.0577					
Phone: 1 916 865 3168 Fax:		Submitted By: Riggie Tye		Title: Field Tech		Signature: [Signature] Date: 5/3/21		Ground-water x Sediment		Potable Soil	
I hereby authorize ASSET Labs to perform the tests indicated below.		Project Name: PG&E Hinkley - COMP B		Project Number: 30048045		Sampled By: Nava Tay		NPDES Other Solid		Surface	
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others	
N045245-01		MW-182D-Q221		5/3/2021		1110					
-02		MW-183D-Q221		5/3/2021		1004					
-03		MW-945-Q221		5/3/2021		1014					
-04		CA-MW-101-Q221		5/3/2021		1234					
-05		CA-MW-101D-Q221		5/3/2021		1200					
-06		CA-MW-510D-Q221		5/3/2021		1059					
-07		CA-MW-511-Q221		5/3/2021		1145					
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Turn Around Time (TAT)		Special Instruction:	
[Signature] Nava Tay		5/3/21 1605		[Signature] RONALD ALVARADO		5/03/21 1605		X A < 24 Hrs or Same Day TAT			
[Signature] RONALD ALVARADO		5/3/21 1925		[Signature] RONALD ALVARADO		5/3/21 1925		B = Next Workday			
[Signature]				[Signature]				C = 2 Workdays			
[Signature]				[Signature]				D = 3 Workdays			
[Signature]				[Signature]				E = Routine 5-7 Workdays			
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days. Surcharges will apply for rush analysis. Late fees are \$250/day. Next Day=100%. 2 Weekdays=50%. 3 Weekdays=25% 4 Weekdays=20%. 3. Current EDO formats will be an additional 5% of the total project price. 4. And 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on all reports. 5. Trip Diaries and Equipment Details are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.		Preservatives: H=HCL O=NaOH Z=Zn(AC) ₂ Other/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube J=Jar M=Metal P=Pint B=Bedlar G=Glass C=Can							



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Client: Arcadis		Report to: Tonya Russel		Billed to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		Y N	
Phone: 1 916 865 3168		Email: tonya.russel@arcadis.com daniel.moore@eritzen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		P.O.#		PENDING	
Submitted By: <i>Payne Tey</i>		Phone: 1 916 865 3168		Fax: 951.677.0577		Global ID:		EQ EDD		Specify State:	
Title: <i>Field Tech</i>		Signature: <i>Payne Tey</i> Date: <i>5/3/21</i>		Sampled By: <i>Payne Tey</i> Date: <i>5/3/21</i>		Matrix		Ground-water		x Sediment	
Project Name: PG&E Hinkley - COMP B		Project Number: 30046045		Signature: <i>[Signature]</i> Date: <i>5/3/21</i>		NPDES		Other Solid		Surface	
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Other	
N045245-08		CA-MW-102D-Q221		5/3/2021		1003		X		GR(V) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly	
-09		EB-761-Q221		5/3/2021		1300		X		Anions (E300.0) NO3N; 4°C; 1000ml Poly	
-10		EB-762-Q221		5/3/2021		1230		X		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	
										Anions (E300.0) SO4; 4°C; 1000ml Poly	
										TDS (SM2540C); 4°C; 1000ml Poly	
										Gross Alpha (E900); HNO3; 2x1000ml Poly	
										Gross Beta (E900); HNO3; 2x1000ml Poly	
										TOC (SM5310) H2SO4, 4°C 3X40 ml VOA	
										Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly	
										Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly	
										Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly	
										Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly	
										Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	
										Eosine, Fluorescein; 4°C (blue lot); 50ml Centrifuge tube	
										Turn Around Time (TAT)	
										Special instruction:	
										Preservatives:	
										Container Type:	
										H=HCL N=HNO3 S=H2SO4 C=4°C T=Tube V=VOA P=Pinl	
										Z=Zn(AC)2 O=NaOH T=Na2S2O3 J=Jar B=Tedlar G=Glass	
										Others/Specify: B (NH4)2SO4/NH4OH M=Metal N=Metal C=Can	
										TAT Starts at 8 AM the following day if samples received after 3:00PM.	
										Terms	
										1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.	
										2. Replicate TAT is 5-7 business days, surcharges will apply for rush analysis.	
										3. Late then 24 Hrs. >200% Next Day >100% 2 Workdays >50% 3 Workdays >35% 4 Workdays >20%	
										5. Custom EDO formats will be an additional 3% of the total project price.	
										6. Trip Blank and Equipment Blank are billable sample.	
										7. Asset Laboratories is not responsible for samples collected using incorrect methodology.	
										8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.	
										9. For subchronic analysis, TAT and Surcharges will vary.	

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 5/3/2021

Workorder: N045245

Rep sample Temp (Deg C): 2.6

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: GGJ *Ggarcia* 5/4/2021

Reviewed By:

ABC

5/12/2021

ASSET Laboratories

WORK ORDER Summary

04-May-21

WorkOrder: N045245

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/3/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045245-001A	MW-182D-Q221	5/3/2021 11:10:00 AM	5/17/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-001B			5/17/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-001C			5/17/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045245-001D			5/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
5/17/2021			EPA 6020		DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045245-002A	MW-183D-Q221	5/3/2021 10:04:00 AM	5/17/2021	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045245-002B			5/17/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045245-002C			5/17/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045245-002D			5/17/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/17/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/17/2021	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/17/2021	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
5/17/2021			EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW		
N045245-003A	MW-945-Q221	5/3/2021 10:14:00 AM	5/17/2021	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045245-003B			5/17/2021	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
N045245-003C			5/17/2021	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW	
N045245-003D			5/17/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/17/2021	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	
			5/17/2021	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW	

ASSET Laboratories

WORK ORDER Summary

04-May-21

WorkOrder: N045245

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/3/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045245-003D	MW-945-Q221	5/3/2021 10:14:00 AM	5/17/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-004A	CA-MW-101-Q221	5/3/2021 12:34:00 PM	5/17/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-005A	CA-MW-101D-Q221	5/3/2021 12:00:00 PM	5/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-005B			5/17/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-005C			5/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-006A	CA-MW-510D-Q221	5/3/2021 10:59:00 AM	5/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-006B			5/17/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-006C			5/17/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045245-006D			5/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-007A	CA-MW-511-Q221	5/3/2021 11:45:00 AM	5/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-007B			5/17/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-007C			5/17/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045245-007D			5/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

04-May-21

WorkOrder: N045245

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/3/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045245-007D	CA-MW-511-Q221	5/3/2021 11:45:00 AM	5/17/2021	Groundwater	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-008A	CA-MW-102D-Q221	5/3/2021 10:03:00 AM	5/17/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-009A	EB-761-Q221	5/3/2021 1:00:00 PM	5/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-010A	EB-762-Q221	5/3/2021 12:30:00 PM	5/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045245-011A	FOLDER	5/17/2021	5/17/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/17/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/17/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 20, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045308

RE: PG&E Hinkley - GMP, 30046045

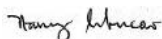
Attention: Tonya Russi

Enclosed are the results for sample(s) received on May 06, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045308

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



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ASSET Laboratories

Date: 20-May-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - GMP, 30046045

Lab Order: N045308

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045308-001A	EX-15-Q221	Groundwater	5/6/2021 3:20:00 PM	5/6/2021	5/20/2021
N045308-001B	EX-15-Q221	Groundwater	5/6/2021 3:20:00 PM	5/6/2021	5/20/2021



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 20-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045308
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045308-001

Client Sample ID: EX-15-Q221
Collection Date: 5/6/2021 3:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210507B	QC Batch: R152590				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/7/2021 04:02 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87432				PrepDate:	5/7/2021	Analyst: CEI
Chromium	ND	0.035	1.0		µg/L	1	5/13/2021 12:57 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045308
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: LCS-R152590	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152590			
Client ID: LCSW	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021				SeqNo: 4199270			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.036	0.20	5.000	0	101	90	110				

Sample ID: MB-R152590	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152590			
Client ID: PBW	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021				SeqNo: 4199271			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N045308-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152590			
Client ID: ZZZZZZ	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021				SeqNo: 4199278			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.091	0.20						0.07730	0	20	

Sample ID: N045309-025AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152590			
Client ID: ZZZZZZ	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021				SeqNo: 4199282			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	6393.050	100	2500	3906	99.5	90	110				

Sample ID: N045309-025AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152590			
Client ID: ZZZZZZ	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021				SeqNo: 4199283			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	6370.000	100	2500	3906	98.5	90	110	6393	0.361	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



CALIFORNIA | P: 562.219.7435 F: 562.219.7436
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"Serving Clients with Passion and Professionalism"

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045308
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87432	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: PBW	Batch ID: 87432	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/13/2021	SeqNo: 4209352
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87432	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: LCSW	Batch ID: 87432	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/13/2021	SeqNo: 4209353
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.067 1.0 10.00 0 101 85 115

Sample ID: N045309-014DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152812
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/14/2021	SeqNo: 4210153
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 199.281 5.0 10.00 189.3 99.4 75 125

Sample ID: N045309-014DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152812
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/14/2021	SeqNo: 4210154
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 199.680 5.0 10.00 189.3 103 75 125 199.3 0.200 20

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out
 E Value above quantitation range
 R RPD outside accepted recovery limits
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values



Page 1 of 1

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Arcadis		Report to: Tonya Russi	Bill to: Lisa Kellogg		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		EDD Requirement		QA/QC		Sample Receipt Condition													
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis	Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Excel EDD		RTNE		1. Chilled													
Phone: 1 916 865 3168		Fax:	Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: lisa.kellogg@arcadis.com		P.O.#		Geotracker		2. Headspace													
Submitted By: Riggia Tap		Title: Field Tech	Phone: 1 916 865 3168		Fax:		Global ID:		Labspec		3. Container Intact													
Signature: [Signature]		Date: 5/16/21	Sampled By: Brian Martinez		Ground-water x Sediment		Matrix		Others		4. Seal Present													
<small>I hereby authorize ASSET Labs to perform the tests indicated below.</small>		Project Name: PG&E Hinkley - GMP	Signature: [Signature]		Date: 5/16/21		NPDES		Other Solid		5. IR number													
Project Number: 30046045		Surface		Cr(VI) (E218.6) (NH ₄) ₂ SO ₄ , NH ₄ , OH, 4°C; 250 ml Poly		Anions (E300.0) NO ₃ N; 4°C; 1000ml Poly		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		TDS (SM2540C); 4°C; 1000ml Poly		Gross Alpha/Beta (E500); HNO₃; 2x1000ml Poly												
				TOC (SM5310) H₂SO₄, 4°C		Metals Dissolved (6020AFF) As; HNO₃, 4°C; 500 ml Poly		Metals Dissolved (6010BDIs) Fe; HNO₃, 4°C; 500 ml Poly		Metals Dissolved (6020AFF) Mn; HNO₃, 4°C; 500 ml Poly		Metals Dissolved (6020AFF) Cr; HNO₃, 4°C; 500 ml Poly												
				Uranium (E200.8FF) HNO₃, 4°C; 500 ml Poly		TPH-D (8015B) 3x1 Liter Amber Glass, 4°C		TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C												
				TOC (SM5310) H₂SO₄, 4°C		Anions (E300.0) SO₄; 4°C; 1000ml Poly																		
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6)	Anions (E300.0)	Ortho-Phosphate (E300.0)	TDS (SM2540C)	Gross Alpha/Beta (E500)	TOC (SM5310)	Metals Dissolved (6020AFF) As	Metals Dissolved (6010BDIs) Fe	Metals Dissolved (6020AFF) Mn	Metals Dissolved (6020AFF) Cr	Uranium (E200.8FF)	TPH-D (8015B)	TPH-D (8015B) Silica Gel Cleanup	TPH-Extractables Motor Oil (8015B)	TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup	TOC (SM5310)	Anions (E300.0)	Remarks	
	N045308-01	EX-15-Q221	5/6/2021	1520		X																		
Relinquished by (Signature and Printed Name): [Signature] Riggia Tap			Date/Time: 5/16/21 1610			Relinquished by (Signature and Printed Name): [Signature] JORDAN LEO			Date/Time: 5/16/21 1610			Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.						Special Instruction:						
Relinquished by (Signature and Printed Name): [Signature] JORDAN LEO			Date/Time: 5/16/21 1639			Relinquished by (Signature and Printed Name): [Signature] JORDAN LEO			Date/Time: 5/16/21 1639															
Relinquished by (Signature and Printed Name): [Signature] JORDAN LEO			Date/Time: 5/16/21 1639			Relinquished by (Signature and Printed Name): [Signature] JORDAN LEO			Date/Time: 5/16/21 1639															
<small>Terms</small> 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Custom EDD formats will be an additional 3% of the total project price. 4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total.						<small>5. Trip Blanks and Equipment Blanks are billable sample.</small> 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subcontract analysis, TAT and Surcharges will vary.						Preservatives: H=HCL N=HNO ₃ S=H ₂ SO ₄ C=4°C Z=Zn(AC) ₂ O=NaOH T=Na ₂ S ₂ O ₃ Others/Specify: B (NH ₄) ₂ SO ₄ /NH ₄ OH Container Type: T=Tube V=VOA P=Pin J=Jar B=Tedlar G=Glass M=Metal C=C-can												

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 5/6/2021

Workorder: N045308

Rep sample Temp (Deg C): 1.3

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR

YRT

5/7/2021

Reviewed By:

ABC

5/18/2021

ASSET Laboratories

WORK ORDER Summary

07-May-21

WorkOrder: N045308

Client ID: ARCUS02

Project: PG&E Hinkley -GMP, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045308-001A	EX-15-Q221	5/6/2021 3:20:00 PM	5/20/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045308-001B			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045308-002A	FOLDER	5/20/2021	5/20/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			5/20/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			5/20/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

May 21, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045309

RE: PG&E Hinkley - COMP B, 30046045

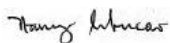
Attention: Tonya Russi

Enclosed are the results for sample(s) received on May 06, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045309

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N045309-005 (SA-MW-20D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N045309-016 (SA-MW-01S-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (6.7 ug/L) and hexavalent chromium (5.0 ug/L) for sample N045309-026 (EX-66-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (6.2 ug/L) and hexavalent chromium (5.0 ug/L) for sample N045309-027 (MW-927-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery and RPD criteria for Iron in QC samples N045293-003D-MS1 and N045293-003D-MSD1 since the analyte concentration in the



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045309

CASE NARRATIVE

sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) is outside recovery criteria for Iron in QC sample N045309-014DMS possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N045309-005 (SA-MW-20D-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.2 and 1.2 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N045309-016 (SA-MW-01S-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.2 and 0.56 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (6.7 ug/L) and hexavalent chromium (5.0 ug/L) for sample N045309-026 (EX-66-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 6.0 and 5.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (6.2 ug/L) and hexavalent chromium (5.0 ug/L) for sample N045309-027 (MW-927-Q221) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 6.2 and 6.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N045309-021D-MS and N045309-021D-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045309
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045309-001A	SA-MW-08D-Q221	Groundwater	5/6/2021 11:49:00 AM	5/6/2021	5/21/2021
N045309-001B	SA-MW-08D-Q221	Groundwater	5/6/2021 11:49:00 AM	5/6/2021	5/21/2021
N045309-001C	SA-MW-08D-Q221	Groundwater	5/6/2021 11:49:00 AM	5/6/2021	5/21/2021
N045309-001D	SA-MW-08D-Q221	Groundwater	5/6/2021 11:49:00 AM	5/6/2021	5/21/2021
N045309-002A	SC-MW-44S-Q221	Groundwater	5/6/2021 3:18:00 PM	5/6/2021	5/21/2021
N045309-002B	SC-MW-44S-Q221	Groundwater	5/6/2021 3:18:00 PM	5/6/2021	5/21/2021
N045309-002C	SC-MW-44S-Q221	Groundwater	5/6/2021 3:18:00 PM	5/6/2021	5/21/2021
N045309-002D	SC-MW-44S-Q221	Groundwater	5/6/2021 3:18:00 PM	5/6/2021	5/21/2021
N045309-003A	SA-MW-05D-Q221	Groundwater	5/6/2021 1:25:00 PM	5/6/2021	5/21/2021
N045309-003B	SA-MW-05D-Q221	Groundwater	5/6/2021 1:25:00 PM	5/6/2021	5/21/2021
N045309-003C	SA-MW-05D-Q221	Groundwater	5/6/2021 1:25:00 PM	5/6/2021	5/21/2021
N045309-003D	SA-MW-05D-Q221	Groundwater	5/6/2021 1:25:00 PM	5/6/2021	5/21/2021
N045309-004A	MW-933-Q221	Groundwater	5/6/2021 1:35:00 PM	5/6/2021	5/21/2021
N045309-004B	MW-933-Q221	Groundwater	5/6/2021 1:35:00 PM	5/6/2021	5/21/2021
N045309-004C	MW-933-Q221	Groundwater	5/6/2021 1:35:00 PM	5/6/2021	5/21/2021
N045309-004D	MW-933-Q221	Groundwater	5/6/2021 1:35:00 PM	5/6/2021	5/21/2021
N045309-005A	SA-MW-20D-Q221	Groundwater	5/6/2021 12:34:00 PM	5/6/2021	5/21/2021
N045309-005B	SA-MW-20D-Q221	Groundwater	5/6/2021 12:34:00 PM	5/6/2021	5/21/2021
N045309-005C	SA-MW-20D-Q221	Groundwater	5/6/2021 12:34:00 PM	5/6/2021	5/21/2021
N045309-005D	SA-MW-20D-Q221	Groundwater	5/6/2021 12:34:00 PM	5/6/2021	5/21/2021
N045309-006A	SA-MW-26D-Q221	Groundwater	5/6/2021 9:15:00 AM	5/6/2021	5/21/2021
N045309-006B	SA-MW-26D-Q221	Groundwater	5/6/2021 9:15:00 AM	5/6/2021	5/21/2021
N045309-006C	SA-MW-26D-Q221	Groundwater	5/6/2021 9:15:00 AM	5/6/2021	5/21/2021
N045309-006D	SA-MW-26D-Q221	Groundwater	5/6/2021 9:15:00 AM	5/6/2021	5/21/2021
N045309-007A	SA-MW-26S-Q221	Groundwater	5/6/2021 9:44:00 AM	5/6/2021	5/21/2021
N045309-007B	SA-MW-26S-Q221	Groundwater	5/6/2021 9:44:00 AM	5/6/2021	5/21/2021
N045309-007C	SA-MW-26S-Q221	Groundwater	5/6/2021 9:44:00 AM	5/6/2021	5/21/2021
N045309-007D	SA-MW-26S-Q221	Groundwater	5/6/2021 9:44:00 AM	5/6/2021	5/21/2021
N045309-008A	SA-MW-33S-Q221	Groundwater	5/6/2021 11:01:00 AM	5/6/2021	5/21/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045309
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045309-008B	SA-MW-33S-Q221	Groundwater	5/6/2021 11:01:00 AM	5/6/2021	5/21/2021
N045309-008C	SA-MW-33S-Q221	Groundwater	5/6/2021 11:01:00 AM	5/6/2021	5/21/2021
N045309-008D	SA-MW-33S-Q221	Groundwater	5/6/2021 11:01:00 AM	5/6/2021	5/21/2021
N045309-009A	SC-MW-09D-Q221	Groundwater	5/6/2021 2:25:00 PM	5/6/2021	5/21/2021
N045309-009B	SC-MW-09D-Q221	Groundwater	5/6/2021 2:25:00 PM	5/6/2021	5/21/2021
N045309-009C	SC-MW-09D-Q221	Groundwater	5/6/2021 2:25:00 PM	5/6/2021	5/21/2021
N045309-009D	SC-MW-09D-Q221	Groundwater	5/6/2021 2:25:00 PM	5/6/2021	5/21/2021
N045309-010A	MW-38B-Q221	Groundwater	5/6/2021 8:46:00 AM	5/6/2021	5/21/2021
N045309-010B	MW-38B-Q221	Groundwater	5/6/2021 8:46:00 AM	5/6/2021	5/21/2021
N045309-010C	MW-38B-Q221	Groundwater	5/6/2021 8:46:00 AM	5/6/2021	5/21/2021
N045309-010D	MW-38B-Q221	Groundwater	5/6/2021 8:46:00 AM	5/6/2021	5/21/2021
N045309-011A	MW-75D-Q221	Groundwater	5/6/2021 9:34:00 AM	5/6/2021	5/21/2021
N045309-011B	MW-75D-Q221	Groundwater	5/6/2021 9:34:00 AM	5/6/2021	5/21/2021
N045309-011C	MW-75D-Q221	Groundwater	5/6/2021 9:34:00 AM	5/6/2021	5/21/2021
N045309-011D	MW-75D-Q221	Groundwater	5/6/2021 9:34:00 AM	5/6/2021	5/21/2021
N045309-012A	SA-MW-38D-Q221	Groundwater	5/6/2021 11:36:00 AM	5/6/2021	5/21/2021
N045309-012B	SA-MW-38D-Q221	Groundwater	5/6/2021 11:36:00 AM	5/6/2021	5/21/2021
N045309-012C	SA-MW-38D-Q221	Groundwater	5/6/2021 11:36:00 AM	5/6/2021	5/21/2021
N045309-012D	SA-MW-38D-Q221	Groundwater	5/6/2021 11:36:00 AM	5/6/2021	5/21/2021
N045309-013A	MW-938-Q221	Groundwater	5/6/2021 11:46:00 AM	5/6/2021	5/21/2021
N045309-013B	MW-938-Q221	Groundwater	5/6/2021 11:46:00 AM	5/6/2021	5/21/2021
N045309-013C	MW-938-Q221	Groundwater	5/6/2021 11:46:00 AM	5/6/2021	5/21/2021
N045309-013D	MW-938-Q221	Groundwater	5/6/2021 11:46:00 AM	5/6/2021	5/21/2021
N045309-014A	SA-MW-38S-Q221	Groundwater	5/6/2021 12:16:00 AM	5/6/2021	5/21/2021
N045309-014B	SA-MW-38S-Q221	Groundwater	5/6/2021 12:16:00 AM	5/6/2021	5/21/2021
N045309-014C	SA-MW-38S-Q221	Groundwater	5/6/2021 12:16:00 AM	5/6/2021	5/21/2021
N045309-014D	SA-MW-38S-Q221	Groundwater	5/6/2021 12:16:00 AM	5/6/2021	5/21/2021
N045309-015A	SC-MW-32S-Q221	Groundwater	5/6/2021 10:38:00 AM	5/6/2021	5/21/2021
N045309-016A	SA-MW-01S-Q221	Groundwater	5/6/2021 9:00:00 AM	5/6/2021	5/21/2021
N045309-016B	SA-MW-01S-Q221	Groundwater	5/6/2021 9:00:00 AM	5/6/2021	5/21/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045309
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045309-016C	SA-MW-01S-Q221	Groundwater	5/6/2021 9:00:00 AM	5/6/2021	5/21/2021
N045309-016D	SA-MW-01S-Q221	Groundwater	5/6/2021 9:00:00 AM	5/6/2021	5/21/2021
N045309-017A	SA-MW-02S-Q221	Groundwater	5/6/2021 9:50:00 AM	5/6/2021	5/21/2021
N045309-017B	SA-MW-02S-Q221	Groundwater	5/6/2021 9:50:00 AM	5/6/2021	5/21/2021
N045309-017C	SA-MW-02S-Q221	Groundwater	5/6/2021 9:50:00 AM	5/6/2021	5/21/2021
N045309-017D	SA-MW-02S-Q221	Groundwater	5/6/2021 9:50:00 AM	5/6/2021	5/21/2021
N045309-018A	MW-932-Q221	Groundwater	5/6/2021 10:00:00 AM	5/6/2021	5/21/2021
N045309-018B	MW-932-Q221	Groundwater	5/6/2021 10:00:00 AM	5/6/2021	5/21/2021
N045309-018C	MW-932-Q221	Groundwater	5/6/2021 10:00:00 AM	5/6/2021	5/21/2021
N045309-018D	MW-932-Q221	Groundwater	5/6/2021 10:00:00 AM	5/6/2021	5/21/2021
N045309-019A	SA-MW-06S-Q221	Groundwater	5/6/2021 12:14:00 PM	5/6/2021	5/21/2021
N045309-019B	SA-MW-06S-Q221	Groundwater	5/6/2021 12:14:00 PM	5/6/2021	5/21/2021
N045309-019C	SA-MW-06S-Q221	Groundwater	5/6/2021 12:14:00 PM	5/6/2021	5/21/2021
N045309-019D	SA-MW-06S-Q221	Groundwater	5/6/2021 12:14:00 PM	5/6/2021	5/21/2021
N045309-020A	SA-MW-07D-Q221	Groundwater	5/6/2021 10:47:00 AM	5/6/2021	5/21/2021
N045309-020B	SA-MW-07D-Q221	Groundwater	5/6/2021 10:47:00 AM	5/6/2021	5/21/2021
N045309-020C	SA-MW-07D-Q221	Groundwater	5/6/2021 10:47:00 AM	5/6/2021	5/21/2021
N045309-020D	SA-MW-07D-Q221	Groundwater	5/6/2021 10:47:00 AM	5/6/2021	5/21/2021
N045309-021A	MW-934-Q221	Groundwater	5/6/2021 10:57:00 AM	5/6/2021	5/21/2021
N045309-021B	MW-934-Q221	Groundwater	5/6/2021 10:57:00 AM	5/6/2021	5/21/2021
N045309-021C	MW-934-Q221	Groundwater	5/6/2021 10:57:00 AM	5/6/2021	5/21/2021
N045309-021D	MW-934-Q221	Groundwater	5/6/2021 10:57:00 AM	5/6/2021	5/21/2021
N045309-022A	SA-MW-07S-Q221	Groundwater	5/6/2021 11:26:00 AM	5/6/2021	5/21/2021
N045309-022B	SA-MW-07S-Q221	Groundwater	5/6/2021 11:26:00 AM	5/6/2021	5/21/2021
N045309-022C	SA-MW-07S-Q221	Groundwater	5/6/2021 11:26:00 AM	5/6/2021	5/21/2021
N045309-022D	SA-MW-07S-Q221	Groundwater	5/6/2021 11:26:00 AM	5/6/2021	5/21/2021
N045309-023A	SA-MW-09S-Q221	Groundwater	5/6/2021 1:24:00 PM	5/6/2021	5/21/2021
N045309-023B	SA-MW-09S-Q221	Groundwater	5/6/2021 1:24:00 PM	5/6/2021	5/21/2021
N045309-023C	SA-MW-09S-Q221	Groundwater	5/6/2021 1:24:00 PM	5/6/2021	5/21/2021
N045309-023D	SA-MW-09S-Q221	Groundwater	5/6/2021 1:24:00 PM	5/6/2021	5/21/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045309
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045309-024A	MW-935-Q221	Groundwater	5/6/2021 1:34:00 PM	5/6/2021	5/21/2021
N045309-024B	MW-935-Q221	Groundwater	5/6/2021 1:34:00 PM	5/6/2021	5/21/2021
N045309-024C	MW-935-Q221	Groundwater	5/6/2021 1:34:00 PM	5/6/2021	5/21/2021
N045309-024D	MW-935-Q221	Groundwater	5/6/2021 1:34:00 PM	5/6/2021	5/21/2021
N045309-025A	SA-MW-10D-Q221	Groundwater	5/6/2021 2:11:00 PM	5/6/2021	5/21/2021
N045309-025B	SA-MW-10D-Q221	Groundwater	5/6/2021 2:11:00 PM	5/6/2021	5/21/2021
N045309-025C	SA-MW-10D-Q221	Groundwater	5/6/2021 2:11:00 PM	5/6/2021	5/21/2021
N045309-025D	SA-MW-10D-Q221	Groundwater	5/6/2021 2:11:00 PM	5/6/2021	5/21/2021
N045309-026A	EX-66-Q221	Groundwater	5/6/2021 2:16:00 PM	5/6/2021	5/21/2021
N045309-026B	EX-66-Q221	Groundwater	5/6/2021 2:16:00 PM	5/6/2021	5/21/2021
N045309-026C	EX-66-Q221	Groundwater	5/6/2021 2:16:00 PM	5/6/2021	5/21/2021
N045309-026D	EX-66-Q221	Groundwater	5/6/2021 2:16:00 PM	5/6/2021	5/21/2021
N045309-027A	MW-927-Q221	Groundwater	5/6/2021 2:26:00 PM	5/6/2021	5/21/2021
N045309-027B	MW-927-Q221	Groundwater	5/6/2021 2:26:00 PM	5/6/2021	5/21/2021
N045309-027C	MW-927-Q221	Groundwater	5/6/2021 2:26:00 PM	5/6/2021	5/21/2021
N045309-027D	MW-927-Q221	Groundwater	5/6/2021 2:26:00 PM	5/6/2021	5/21/2021
N045309-028A	EB-763-Q221	Groundwater	5/6/2021 3:45:00 PM	5/6/2021	5/21/2021
N045309-029A	EB-764-Q221	Groundwater	5/6/2021 2:21:00 PM	5/6/2021	5/21/2021
N045309-030A	EB-765-Q221	Groundwater	5/6/2021 3:30:00 PM	5/6/2021	5/21/2021



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-026

Client Sample ID: EX-66-Q221
Collection Date: 5/6/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210511E	QC Batch: 87482			PrepDate: 5/11/2021		Analyst: CEI
Total Dissolved Solids (Residue, Filterable)	270	10	10	mg/L	1	5/11/2021 05:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-027

Client Sample ID: MW-927-Q221
Collection Date: 5/6/2021 2:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210511E	QC Batch: 87482			PrepDate: 5/11/2021		Analyst: CEI
Total Dissolved Solids (Residue, Filterable)	250	10	10	mg/L	1	5/11/2021 05:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID: LCS-87482	SampType: LCS	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 5/11/2021			RunNo: 152680		
Client ID: LCSW	Batch ID: 87482	TestNo: SM2540C				Analysis Date: 5/11/2021			SeqNo: 4204524		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	964.000	10	1000	0	96.4	80	120				

Sample ID: MB-87482	SampType: MBLK	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 5/11/2021			RunNo: 152680		
Client ID: PBW	Batch ID: 87482	TestNo: SM2540C				Analysis Date: 5/11/2021			SeqNo: 4204525		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID: N045293-011B-DUP	SampType: DUP	TestCode: 160.1_2540C_ Units: mg/L				Prep Date: 5/11/2021			RunNo: 152680		
Client ID: ZZZZZZ	Batch ID: 87482	TestNo: SM2540C				Analysis Date: 5/11/2021			SeqNo: 4204527		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	881.000	10						923.0	4.66	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-001

Client Sample ID: SA-MW-08D-Q221
Collection Date: 5/6/2021 11:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	490	1.3	10		µg/L	50	5/7/2021 09:56 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432		PrepDate:		5/7/2021	Analyst: CEI	
Chromium	500	0.18	5.0		µg/L	5	5/13/2021 06:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-002

Client Sample ID: SC-MW-44S-Q221
Collection Date: 5/6/2021 3:18:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	260	1.3	10		µg/L	50	5/7/2021 10:07 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432		PrepDate:		Analyst: CEI		
Chromium	270	0.18	5.0		µg/L	5	5/13/2021 07:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-003

Client Sample ID: SA-MW-05D-Q221
Collection Date: 5/6/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	150	1.3	10		µg/L	50	5/7/2021 10:16 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432		PrepDate:		5/7/2021	Analyst: CEI	
Chromium	160	0.035	1.0		µg/L	1	5/13/2021 01:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-004

Client Sample ID: MW-933-Q221
Collection Date: 5/6/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	150	1.3	10		µg/L	50	5/7/2021 10:26 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432		PrepDate:		5/7/2021	Analyst: CEI	
Chromium	160	0.035	1.0		µg/L	1	5/13/2021 01:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-005

Client Sample ID: SA-MW-20D-Q221
Collection Date: 5/6/2021 12:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510B	QC Batch: R152643				PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/10/2021 04:04 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87432				PrepDate: 5/7/2021		Analyst: CEI
Chromium	1.4	0.035	1.0		µg/L	1	5/13/2021 01:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-006

Client Sample ID: SA-MW-26D-Q221
Collection Date: 5/6/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210510B	QC Batch: R152643		PrepDate:		Analyst: RAB		
Hexavalent Chromium	0.88	0.025	0.20		µg/L	1	5/10/2021 04:13 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432		PrepDate:		5/7/2021	Analyst: CEI	
Chromium	1.2	0.035	1.0		µg/L	1	5/13/2021 01:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-007

Client Sample ID: SA-MW-26S-Q221
Collection Date: 5/6/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510B	QC Batch: R152643	PrepDate: Analyst: RAB					
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/10/2021 04:42 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87432	PrepDate: 5/7/2021 Analyst: CEI					
Chromium	ND	0.035	1.0		µg/L	1	5/13/2021 01:38 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-008

Client Sample ID: SA-MW-33S-Q221
Collection Date: 5/6/2021 11:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510B	QC Batch: R152643	PrepDate: Analyst: RAB					
Hexavalent Chromium	0.81	0.025	0.20		µg/L	1	5/10/2021 04:51 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87432	PrepDate: 5/7/2021 Analyst: CEI					
Chromium	1.0	0.035	1.0		µg/L	1	5/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-009

Client Sample ID: SC-MW-09D-Q221
Collection Date: 5/6/2021 2:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510B	QC Batch: R152643	PrepDate: Analyst: RAB					
Hexavalent Chromium	2.2	0.025	0.20		µg/L	1	5/10/2021 03:45 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87432	PrepDate: 5/7/2021 Analyst: CEI					
Chromium	2.8	0.035	1.0		µg/L	1	5/13/2021 02:02 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-010

Client Sample ID: MW-38B-Q221
Collection Date: 5/6/2021 8:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510B	QC Batch: R152643			PrepDate:		Analyst: RAB	
Hexavalent Chromium	3.3	0.025	0.20		µg/L	1	5/10/2021 05:01 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Chromium	4.0	0.035	1.0		µg/L	1	5/13/2021 02:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-011

Client Sample ID: MW-75D-Q221
Collection Date: 5/6/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510B	QC Batch: R152643				PrepDate:		Analyst: RAB
Hexavalent Chromium	0.45	0.025	0.20		µg/L	1	5/10/2021 05:10 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87432				PrepDate: 5/7/2021		Analyst: CEI
Chromium	ND	0.035	1.0		µg/L	1	5/13/2021 02:13 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-012

Client Sample ID: SA-MW-38D-Q221
Collection Date: 5/6/2021 11:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	360	1.3	10		µg/L	50	5/7/2021 12:00 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210514B	QC Batch: 87432		PrepDate:		Analyst: CEI		
Chromium	390	0.18	5.0		µg/L	5	5/14/2021 08:28 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-013

Client Sample ID: MW-938-Q221
Collection Date: 5/6/2021 11:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	370	1.3	10		µg/L	50	5/7/2021 12:10 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210514B	QC Batch: 87432		PrepDate:		5/7/2021	Analyst: CEI	
Chromium	390	0.18	5.0		µg/L	5	5/14/2021 08:34 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-014

Client Sample ID: SA-MW-38S-Q221
Collection Date: 5/6/2021 12:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	180	1.3	10		µg/L	50	5/7/2021 12:19 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432		PrepDate:		5/7/2021	Analyst: CEI	
Chromium	190	0.18	5.0		µg/L	5	5/13/2021 02:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-016

Client Sample ID: SA-MW-01S-Q221
Collection Date: 5/6/2021 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510B	QC Batch: R152643	PrepDate: Analyst: RAB					
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/10/2021 05:19 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87432	PrepDate: 5/7/2021 Analyst: CEI					
Chromium	1.4	0.035	1.0		µg/L	1	5/13/2021 03:12 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-017

Client Sample ID: SA-MW-02S-Q221
Collection Date: 5/6/2021 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210510B	QC Batch: R152643		PrepDate:		Analyst: RAB		
Hexavalent Chromium	130	0.50	4.0		µg/L	20	5/10/2021 03:16 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432		PrepDate:		Analyst: CEI		
Chromium	150	0.035	1.0		µg/L	1	5/13/2021 03:18 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-018

Client Sample ID: MW-932-Q221
Collection Date: 5/6/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210510B	QC Batch: R152643		PrepDate:		Analyst: RAB		
Hexavalent Chromium	140	0.50	4.0		µg/L	20	5/10/2021 05:29 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432		PrepDate:		Analyst: CEI		
Chromium	150	0.035	1.0		µg/L	1	5/13/2021 03:24 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-019

Client Sample ID: SA-MW-06S-Q221
Collection Date: 5/6/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589			PrepDate:	Analyst: RAB		
Hexavalent Chromium	150	0.50	4.0	µg/L	20	5/7/2021 12:48 PM	
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Chromium	160	0.035	1.0	µg/L	1	5/13/2021 03:30 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-020

Client Sample ID: SA-MW-07D-Q221
Collection Date: 5/6/2021 10:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	270	0.50	4.0		µg/L	20	5/7/2021 12:57 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210514B	QC Batch: 87432		PrepDate:		5/7/2021	Analyst: CEI	
Chromium	300	0.18	5.0		µg/L	5	5/14/2021 09:04 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-021

Client Sample ID: MW-934-Q221
Collection Date: 5/6/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507A	QC Batch: R152589		PrepDate:		Analyst: RAB		
Hexavalent Chromium	270	0.50	4.0		µg/L	20	5/7/2021 01:35 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457		PrepDate:		5/8/2021	Analyst: CEI	
Chromium	290	0.18	5.0		µg/L	5	5/13/2021 03:59 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-022

Client Sample ID: SA-MW-07S-Q221
Collection Date: 5/6/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507B	QC Batch: R152590		PrepDate:		Analyst: RAB		
Hexavalent Chromium	170	0.25	2.0		µg/L	10	5/7/2021 03:22 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457		PrepDate:		Analyst: CEI		
Chromium	170	0.035	1.0		µg/L	1	5/13/2021 04:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-023

Client Sample ID: SA-MW-09S-Q221
Collection Date: 5/6/2021 1:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507B	QC Batch: R152590		PrepDate:		Analyst: RAB		
Hexavalent Chromium	650	1.3	10		µg/L	50	5/7/2021 03:33 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210514B	QC Batch: 87457		PrepDate:		5/8/2021	Analyst: CEI	
Chromium	720	0.18	5.0		µg/L	5	5/14/2021 09:45 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-024

Client Sample ID: MW-935-Q221
Collection Date: 5/6/2021 1:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507B	QC Batch: R152590		PrepDate:		Analyst: RAB		
Hexavalent Chromium	650	1.3	10		µg/L	50	5/7/2021 04:21 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210514B	QC Batch: 87457		PrepDate:		5/8/2021	Analyst: CEI	
Chromium	720	0.18	5.0		µg/L	5	5/14/2021 09:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-025

Client Sample ID: SA-MW-10D-Q221
Collection Date: 5/6/2021 2:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210507B	QC Batch: R152590		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3900	13	100		µg/L	500	5/7/2021 04:39 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210514B	QC Batch: 87457		PrepDate:		5/8/2021	Analyst: CEI	
Chromium	4300	0.88	25		µg/L	25	5/14/2021 09:57 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-026

Client Sample ID: EX-66-Q221
Collection Date: 5/6/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210507B	QC Batch: R152590			PrepDate:		Analyst: RAB	
Hexavalent Chromium	5.0	0.025	0.20		µg/L	1	5/7/2021 03:52 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Chromium	6.7	0.035	1.0		µg/L	1	5/13/2021 05:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-027

Client Sample ID: MW-927-Q221
Collection Date: 5/6/2021 2:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210507B	QC Batch: R152590	PrepDate: Analyst: RAB					
Hexavalent Chromium	5.0	0.025	0.20		µg/L	1	5/7/2021 04:30 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87457	PrepDate: 5/8/2021 Analyst: CEI					
Chromium	6.2	0.035	1.0		µg/L	1	5/13/2021 05:16 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-028

Client Sample ID: EB-763-Q221
Collection Date: 5/6/2021 3:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210507B	QC Batch: R152590			PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20	µg/L	1	5/7/2021 05:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-029

Client Sample ID: EB-764-Q221
Collection Date: 5/6/2021 2:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210507B	QC Batch: R152590	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			5/7/2021 05:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-030

Client Sample ID: EB-765-Q221
Collection Date: 5/6/2021 3:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210507B	QC Batch: R152590	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			5/7/2021 05:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152589	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152589						
Client ID: PBW	Batch ID: R152589	TestNo: EPA 218.6		Analysis Date: 5/7/2021	SeqNo: 4199233						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: LCS-R152589	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152589						
Client ID: LCSW	Batch ID: R152589	TestNo: EPA 218.6		Analysis Date: 5/7/2021	SeqNo: 4199234						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.999	0.20	5.000	0	100	90	110				

Sample ID: N045309-014AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152589						
Client ID: ZZZZZZ	Batch ID: R152589	TestNo: EPA 218.6		Analysis Date: 5/7/2021	SeqNo: 4199257						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	428.195	10	250.0	184.4	97.5	90	110				

Sample ID: N045309-014AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152589						
Client ID: ZZZZZZ	Batch ID: R152589	TestNo: EPA 218.6		Analysis Date: 5/7/2021	SeqNo: 4199258						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	430.370	10	250.0	184.4	98.4	90	110	428.2	0.507	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R152590	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 152590			
Client ID: LCSW	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021				SeqNo: 4199270			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.036	0.20	5.000	0	101	90	110				
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Sample ID: MB-R152590	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152590						
Client ID: PBW	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021	SeqNo: 4199271						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: N045308-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152590						
Client ID: ZZZZZZ	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021	SeqNo: 4199278						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.091	0.20						0.07730	0	20	
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Sample ID: N045309-025AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152590						
Client ID: ZZZZZZ	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021	SeqNo: 4199282						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	6393.050	100	2500	3906	99.5	90	110				
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Sample ID: N045309-025AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152590						
Client ID: ZZZZZZ	Batch ID: R152590	TestNo: EPA 218.6		Analysis Date: 5/7/2021	SeqNo: 4199283						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	6370.000	100	2500	3906	98.5	90	110	6393	0.361	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: LCS-R152643	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152643						
Client ID: LCSW	Batch ID: R152643	TestNo: EPA 218.6		Analysis Date: 5/10/2021	SeqNo: 4202977						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	5.072	0.20	5.000	0	101	90	110				
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Sample ID: MB-R152643	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152643						
Client ID: PBW	Batch ID: R152643	TestNo: EPA 218.6		Analysis Date: 5/10/2021	SeqNo: 4202978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20									
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Sample ID: N045309-017AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152643						
Client ID: ZZZZZZ	Batch ID: R152643	TestNo: EPA 218.6		Analysis Date: 5/10/2021	SeqNo: 4202980						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	237.518	4.0	100.0	134.5	103	90	110				
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Sample ID: N045309-017AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152643						
Client ID: ZZZZZZ	Batch ID: R152643	TestNo: EPA 218.6		Analysis Date: 5/10/2021	SeqNo: 4202981						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	236.458	4.0	100.0	134.5	102	90	110	237.5	0.447	20	
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Sample ID: N045309-009ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152643						
Client ID: ZZZZZZ	Batch ID: R152643	TestNo: EPA 218.6		Analysis Date: 5/10/2021	SeqNo: 4202983						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.241	0.20						2.222	0.883	20	
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87432	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: PBW	Batch ID: 87432	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/13/2021	SeqNo: 4209352
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87432	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: LCSW	Batch ID: 87432	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/13/2021	SeqNo: 4209353
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.067 1.0 10.00 0 101 85 115

Sample ID: N045309-014DMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152812
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/14/2021	SeqNo: 4210153
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 199.281 5.0 10.00 189.3 99.4 75 125

Sample ID: N045309-014DMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152812
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/14/2021	SeqNo: 4210154
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 199.680 5.0 10.00 189.3 103 75 125 199.3 0.200 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87457	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806
Client ID: PBW	Batch ID: 87457	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/13/2021	SeqNo: 4209382
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 0.070 1.0

Sample ID: LCS-87457	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806
Client ID: LCSW	Batch ID: 87457	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/13/2021	SeqNo: 4209383
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.221 1.0 10.00 0 102 85 115

Sample ID: N045309-021D-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152812
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/14/2021	SeqNo: 4210158
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 316.739 5.0 10.00 287.0 298 75 125 S

Sample ID: N045309-021D-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152812
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/14/2021	SeqNo: 4210161
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 313.374 5.0 10.00 287.0 264 75 125 316.7 1.07 20 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California

Work Order: N045309

Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: N045309-014D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 152812						
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/14/2021	SeqNo: 4210152						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	200.005	5.0	10.00	189.3	107	80	120				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: N045309-021D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 152812						
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/14/2021	SeqNo: 4210157						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	306.603	5.0	10.00	287.0	196	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-001

Client Sample ID: SA-MW-08D-Q221
Collection Date: 5/6/2021 11:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/7/2021 10:52 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	0.91	0.019	0.10		mg/L	2	5/7/2021 10:52 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-002

Client Sample ID: SC-MW-44S-Q221
Collection Date: 5/6/2021 3:18:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	5/7/2021 11:07 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Nitrate as N	9.0	0.048	0.25	mg/L	5	5/7/2021 11:07 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-003

Client Sample ID: SA-MW-05D-Q221
Collection Date: 5/6/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.093	0.10		mg/L	1	5/7/2021 11:22 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Sulfate	27	0.30	2.5		mg/L	5	5/8/2021 03:22 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	0.16	0.019	0.10		mg/L	2	5/7/2021 06:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-004

Client Sample ID: MW-933-Q221
Collection Date: 5/6/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.093	0.10		mg/L	1	5/7/2021 11:37 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Sulfate	27	0.30	2.5		mg/L	5	5/8/2021 03:37 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	0.16	0.019	0.10		mg/L	2	5/7/2021 06:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-005

Client Sample ID: SA-MW-20D-Q221
Collection Date: 5/6/2021 12:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/7/2021 11:51 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10		mg/L	2	5/7/2021 11:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-006

Client Sample ID: SA-MW-26D-Q221
Collection Date: 5/6/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	5/7/2021 12:06 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Nitrate as N	0.44	0.019	0.10	mg/L	2	5/7/2021 12:06 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-007

Client Sample ID: SA-MW-26S-Q221
Collection Date: 5/6/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	5/7/2021 12:21 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.048	0.25	mg/L	5	5/7/2021 12:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-008

Client Sample ID: SA-MW-33S-Q221
Collection Date: 5/6/2021 11:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Sulfate	70	0.30	2.5		mg/L	5	5/8/2021 03:52 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592				PrepDate:		Analyst: RAB
Nitrate as N	0.58	0.0095	0.050		mg/L	1	5/7/2021 09:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-009

Client Sample ID: SC-MW-09D-Q221
Collection Date: 5/6/2021 2:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592	PrepDate:	Analyst: RAB
Nitrate as N	11 0.095 0.50	mg/L	10 5/7/2021 08:53 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-010

Client Sample ID: MW-38B-Q221
Collection Date: 5/6/2021 8:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592	PrepDate:	Analyst: RAB
Nitrate as N	1.2 0.019 0.10	mg/L	2 5/7/2021 09:37 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-011

Client Sample ID: MW-75D-Q221
Collection Date: 5/6/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592	PrepDate:	Analyst: RAB
Nitrate as N	0.67 0.019 0.10	mg/L	2 5/7/2021 10:36 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-012

Client Sample ID: SA-MW-38D-Q221
Collection Date: 5/6/2021 11:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	5/7/2021 12:36 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594			PrepDate:		Analyst: RAB
Sulfate	78	0.61	5.0	mg/L	10	5/8/2021 06:20 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Nitrate as N	1.6	0.019	0.10	mg/L	2	5/7/2021 12:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-013

Client Sample ID: MW-938-Q221
Collection Date: 5/6/2021 11:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/7/2021 03:33 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Sulfate	78	0.61	5.0		mg/L	10	5/8/2021 02:23 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	1.6	0.019	0.10		mg/L	2	5/7/2021 03:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-014

Client Sample ID: SA-MW-38S-Q221
Collection Date: 5/6/2021 12:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591						Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50		mg/L	5	5/7/2021 01:20 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594						Analyst: RAB
Sulfate	99	0.61	5.0		mg/L	10	5/8/2021 01:38 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591						Analyst: RAB
Nitrate as N	1.5	0.048	0.25		mg/L	5	5/7/2021 01:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-015

Client Sample ID: SC-MW-32S-Q221
Collection Date: 5/6/2021 10:38:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592	PrepDate:	Analyst: RAB
Nitrate as N	3.3 0.048 0.25	mg/L	5 5/7/2021 08:08 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-016

Client Sample ID: SA-MW-01S-Q221
Collection Date: 5/6/2021 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.47	0.50	mg/L	5	5/7/2021 01:35 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.048	0.25	mg/L	5	5/7/2021 01:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-017

Client Sample ID: SA-MW-02S-Q221
Collection Date: 5/6/2021 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/7/2021 01:50 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	0.75	0.019	0.10		mg/L	2	5/7/2021 01:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-018

Client Sample ID: MW-932-Q221
Collection Date: 5/6/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	5/7/2021 03:48 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Nitrate as N	0.73	0.019	0.10	mg/L	2	5/7/2021 03:48 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-019

Client Sample ID: SA-MW-06S-Q221
Collection Date: 5/6/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.093	0.10		mg/L	1	5/7/2021 02:05 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	1.2	0.019	0.10		mg/L	2	5/7/2021 06:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-020

Client Sample ID: SA-MW-07D-Q221
Collection Date: 5/6/2021 10:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/7/2021 02:19 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Sulfate	52	0.30	2.5		mg/L	5	5/8/2021 04:06 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	2.4	0.019	0.10		mg/L	2	5/7/2021 02:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-021

Client Sample ID: MW-934-Q221
Collection Date: 5/6/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/7/2021 04:33 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Sulfate	52	0.30	2.5		mg/L	5	5/8/2021 04:21 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	2.4	0.019	0.10		mg/L	2	5/7/2021 04:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-022

Client Sample ID: SA-MW-07S-Q221
Collection Date: 5/6/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.093	0.10		mg/L	1	5/7/2021 02:49 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	0.88	0.0095	0.050		mg/L	1	5/7/2021 02:49 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-023

Client Sample ID: SA-MW-09S-Q221
Collection Date: 5/6/2021 1:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	5/7/2021 03:04 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591			PrepDate:		Analyst: RAB
Nitrate as N	0.86	0.019	0.10	mg/L	2	5/7/2021 03:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-024

Client Sample ID: MW-935-Q221
Collection Date: 5/6/2021 1:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/7/2021 04:47 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507B	QC Batch: R152591				PrepDate:		Analyst: RAB
Nitrate as N	0.82	0.019	0.10		mg/L	2	5/7/2021 04:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-025

Client Sample ID: SA-MW-10D-Q221
Collection Date: 5/6/2021 2:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: **NV00922-IC8_210507B** QC Batch: **R152591** PrepDate: Analyst: **RAB**
 Orthophosphate, Dissolved (as P) ND 0.47 0.50 mg/L 5 5/7/2021 03:19 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: **NV00922-IC8_210507B** QC Batch: **R152591** PrepDate: Analyst: **RAB**
 Nitrate as N 1.9 0.048 0.25 mg/L 5 5/7/2021 03:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-026

Client Sample ID: EX-66-Q221
Collection Date: 5/6/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592	PrepDate:	Analyst: RAB
Nitrate as N	0.79 0.019 0.10	mg/L	2 5/7/2021 10:51 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-027

Client Sample ID: MW-927-Q221
Collection Date: 5/6/2021 2:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592	PrepDate:	Analyst: RAB
Nitrate as N	0.77 0.019 0.10	mg/L	2 5/7/2021 11:06 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: MB-R152591_PO4	SampType: MBLK	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152591						
Client ID: PBW	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199335							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID: LCS-R152591_PO4	SampType: LCS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152591						
Client ID: LCSW	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199336							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.251	0.10	1.250	0	100	90	110				

Sample ID: N045309-014BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152591						
Client ID: ZZZZZZ	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199361							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	6.666	0.50	6.250	0	107	80	120				

Sample ID: N045309-014BMSD	SampType: MSD	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152591						
Client ID: ZZZZZZ	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199362							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	6.775	0.50	6.250	0	108	80	120	6.666	1.62	20	

Sample ID: N045309-016BMS	SampType: MS	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152591						
Client ID: ZZZZZZ	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199363							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	7.304	0.50	6.250	0	117	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_PO4PGE

Sample ID: N045309-002BDUP	SampType: DUP	TestCode: 300_W_PO4P	Units: mg/L	Prep Date:	RunNo: 152591						
Client ID: ZZZZZZ	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199364							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.50						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W_SO4PGE

Sample ID: MB-R152594_SO4	SampType: MBLK	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152594						
Client ID: PBW	Batch ID: R152594	TestNo: EPA 300.0		Analysis Date: 5/8/2021	SeqNo: 4199502						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate ND 0.50

Sample ID: LCS-R152594_SO4	SampType: LCS	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152594						
Client ID: LCSW	Batch ID: R152594	TestNo: EPA 300.0		Analysis Date: 5/8/2021	SeqNo: 4199503						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate 3.945 0.50 4.000 0 98.6 90 110

Sample ID: N045309-014BMS	SampType: MS	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152594						
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0		Analysis Date: 5/8/2021	SeqNo: 4199507						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate 142.814 5.0 40.00 99.49 108 80 120

Sample ID: N045309-014BMSD	SampType: MSD	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152594						
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0		Analysis Date: 5/8/2021	SeqNo: 4199508						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate 142.751 5.0 40.00 99.49 108 80 120 142.8 0.0441 20

Sample ID: N045309-013BDUP	SampType: DUP	TestCode: 300_W_SO4P	Units: mg/L	Prep Date:	RunNo: 152594						
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0		Analysis Date: 5/8/2021	SeqNo: 4199510						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sulfate 78.262 5.0 78.32 0.0690 20

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: MB-R152591_NO3	SampType: MBLK	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152591						
Client ID: PBW	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199299							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID: LCS-R152591_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L	Prep Date:	RunNo: 152591							
Client ID: LCSW	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199300							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.243 0.050 1.250 0 99.4 90 110

Sample ID: N045309-014BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L	Prep Date:	RunNo: 152591							
Client ID: ZZZZZZ	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199322							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 7.556 0.25 6.250 1.462 97.5 80 120

Sample ID: N045309-014BMSD	SampType: MSD	TestCode: 300WLLNO3P Units: mg/L	Prep Date:				RunNo: 152591				
Client ID: ZZZZZZ	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021				SeqNo: 4199323				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 7.551 0.25 6.250 1.462 97.4 80 120 7.556 0.0662 20

Sample ID: N045309-016BMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L	Prep Date:	RunNo: 152591							
Client ID: ZZZZZZ	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199324							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 6.094 0.25 6.250 0 97.5 80 120

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045309-002BDUP	SampType: DUP	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152591						
Client ID: ZZZZZZ	Batch ID: R152591	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199325							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	9.076	0.25						8.972	1.15	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: LCS-R152592_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:		RunNo: 152592			
Client ID: LCSW	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021		SeqNo: 4199373			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.263 0.050 1.250 0 101 90 110

Sample ID: MB-R152592_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L				Prep Date:		RunNo: 152592			
Client ID: PBW	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021		SeqNo: 4199374			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 0.014 0.050

Sample ID: N045309-015AMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:		RunNo: 152592			
Client ID: ZZZZZZ	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021		SeqNo: 4199376			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 9.637 0.25 6.250 3.349 101 80 120

Sample ID: N045309-015AMSD	SampType: MSD	TestCode: 300WLLNO3P Units: mg/L				Prep Date:		RunNo: 152592			
Client ID: ZZZZZZ	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021		SeqNo: 4199377			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 9.583 0.25 6.250 3.349 99.7 80 120 9.637 0.567 20

Sample ID: N045309-009BDUP	SampType: DUP	TestCode: 300WLLNO3P Units: mg/L				Prep Date:		RunNo: 152592			
Client ID: ZZZZZZ	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021		SeqNo: 4199379			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 11.364 0.50 11.47 0.928 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045319-005BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152592						
Client ID: ZZZZZZ	Batch ID: R152592	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199388							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	39.028	1.0	25.00	13.67	101	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-001

Client Sample ID: SA-MW-08D-Q221
Collection Date: 5/6/2021 11:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 01:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-002

Client Sample ID: SC-MW-44S-Q221
Collection Date: 5/6/2021 3:18:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210512A	QC Batch: R152700			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/12/2021 01:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-003

Client Sample ID: SA-MW-05D-Q221
Collection Date: 5/6/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 01:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-004

Client Sample ID: MW-933-Q221
Collection Date: 5/6/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-005

Client Sample ID: SA-MW-20D-Q221
Collection Date: 5/6/2021 12:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210512A	QC Batch: R152700			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/12/2021 02:12 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-006

Client Sample ID: SA-MW-26D-Q221
Collection Date: 5/6/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210512A	QC Batch: R152700			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/12/2021 02:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-007

Client Sample ID: SA-MW-26S-Q221
Collection Date: 5/6/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210512A	QC Batch: R152700			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/12/2021 02:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-008

Client Sample ID: SA-MW-33S-Q221
Collection Date: 5/6/2021 11:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 02:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-009

Client Sample ID: SC-MW-09D-Q221
Collection Date: 5/6/2021 2:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210512A	QC Batch: R152700			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/12/2021 03:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-010

Client Sample ID: MW-38B-Q221
Collection Date: 5/6/2021 8:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 03:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-011

Client Sample ID: MW-75D-Q221
Collection Date: 5/6/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 04:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-012

Client Sample ID: SA-MW-38D-Q221
Collection Date: 5/6/2021 11:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 04:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-013

Client Sample ID: MW-938-Q221
Collection Date: 5/6/2021 11:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 04:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-014

Client Sample ID: SA-MW-38S-Q221
Collection Date: 5/6/2021 12:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 11:26 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-016

Client Sample ID: SA-MW-01S-Q221
Collection Date: 5/6/2021 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 05:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-017

Client Sample ID: SA-MW-02S-Q221
Collection Date: 5/6/2021 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210512A	QC Batch: R152700			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/12/2021 05:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-018

Client Sample ID: MW-932-Q221
Collection Date: 5/6/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 05:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-019

Client Sample ID: SA-MW-06S-Q221
Collection Date: 5/6/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 05:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-020

Client Sample ID: SA-MW-07D-Q221
Collection Date: 5/6/2021 10:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210512A	QC Batch: R152700		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/12/2021 06:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-021

Client Sample ID: MW-934-Q221
Collection Date: 5/6/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210517A	QC Batch: R152800		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/17/2021 01:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-022

Client Sample ID: SA-MW-07S-Q221
Collection Date: 5/6/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210517A	QC Batch: R152800			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/17/2021 01:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-023

Client Sample ID: SA-MW-09S-Q221
Collection Date: 5/6/2021 1:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210517A	QC Batch: R152800		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/17/2021 02:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-024

Client Sample ID: MW-935-Q221
Collection Date: 5/6/2021 1:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210517A	QC Batch: R152800		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/17/2021 02:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-025

Client Sample ID: SA-MW-10D-Q221
Collection Date: 5/6/2021 2:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210517A	QC Batch: R152800			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/17/2021 03:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152700	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152700
Client ID: PBW	Batch ID: R152700	TestNo: SM 5310C		Analysis Date: 5/12/2021	SeqNo: 4205268
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID: LCS-R152700	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152700
Client ID: LCSW	Batch ID: R152700	TestNo: SM 5310C		Analysis Date: 5/12/2021	SeqNo: 4205269
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.967	1.0	5.000	0	99.3 85 115

Sample ID: N045309-014CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152700
Client ID: ZZZZZZ	Batch ID: R152700	TestNo: SM 5310C		Analysis Date: 5/12/2021	SeqNo: 4205271
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.666	1.0	5.000	0.2919	87.5 75 125

Sample ID: N045309-014CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152700
Client ID: ZZZZZZ	Batch ID: R152700	TestNo: SM 5310C		Analysis Date: 5/12/2021	SeqNo: 4205272
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.759	1.0	5.000	0.2919	89.3 75 125 4.666 1.97 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 5310C_W_T

Sample ID: MB-R152800	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152800						
Client ID: PBW	Batch ID: R152800	TestNo: SM 5310C		Analysis Date: 5/17/2021	SeqNo: 4208873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total ND 1.0

Sample ID: LCS-R152800	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152800						
Client ID: LCSW	Batch ID: R152800	TestNo: SM 5310C		Analysis Date: 5/17/2021	SeqNo: 4208874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 4.777 1.0 5.000 0 95.5 85 115

Sample ID: N045309-021CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152800						
Client ID: ZZZZZZ	Batch ID: R152800	TestNo: SM 5310C		Analysis Date: 5/17/2021	SeqNo: 4208876						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 4.503 1.0 5.000 0.2103 85.8 75 125

Sample ID: N045309-021CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152800						
Client ID: ZZZZZZ	Batch ID: R152800	TestNo: SM 5310C		Analysis Date: 5/17/2021	SeqNo: 4208877						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Organic Carbon, Total 4.634 1.0 5.000 0.2103 88.5 75 125 4.503 2.87 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-001

Client Sample ID: SA-MW-08D-Q221
Collection Date: 5/6/2021 11:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87434			PrepDate:	5/7/2021	Analyst: DJ	
Iron	35	18	20		ug/L	1	5/7/2021 09:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-002

Client Sample ID: SC-MW-44S-Q221
Collection Date: 5/6/2021 3:18:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87434			PrepDate:	5/7/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	5/7/2021 09:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-003

Client Sample ID: SA-MW-05D-Q221
Collection Date: 5/6/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87434			PrepDate:	5/7/2021	Analyst: DJ	
Iron	80	18	20		ug/L	1	5/7/2021 09:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-004

Client Sample ID: MW-933-Q221
Collection Date: 5/6/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87434			PrepDate:	5/7/2021	Analyst: DJ	
Iron	61	18	20		ug/L	1	5/7/2021 09:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-005

Client Sample ID: SA-MW-20D-Q221
Collection Date: 5/6/2021 12:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87434			PrepDate:	5/7/2021	Analyst: DJ	
Iron	3200	18	20		ug/L	1	5/7/2021 09:24 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-006

Client Sample ID: SA-MW-26D-Q221
Collection Date: 5/6/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87434			PrepDate:	5/7/2021	Analyst: DJ	
Iron	32	18	20		ug/L	1	5/7/2021 09:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-007

Client Sample ID: SA-MW-26S-Q221
Collection Date: 5/6/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87434			PrepDate:	5/7/2021	Analyst: DJ	
Iron	360	18	20		ug/L	1	5/7/2021 09:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-008

Client Sample ID: SA-MW-33S-Q221
Collection Date: 5/6/2021 11:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87434			PrepDate:	5/7/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	5/7/2021 09:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-009

Client Sample ID: SC-MW-09D-Q221
Collection Date: 5/6/2021 2:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	29	18	20		ug/L	1	5/7/2021 10:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-010

Client Sample ID: MW-38B-Q221
Collection Date: 5/6/2021 8:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	35	18	20		ug/L	1	5/7/2021 10:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-011

Client Sample ID: MW-75D-Q221
Collection Date: 5/6/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	110	18	20		ug/L	1	5/7/2021 10:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-012

Client Sample ID: SA-MW-38D-Q221
Collection Date: 5/6/2021 11:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	5/7/2021 10:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-013

Client Sample ID: MW-938-Q221
Collection Date: 5/6/2021 11:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	490	18	20		ug/L	1	5/7/2021 10:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-014

Client Sample ID: SA-MW-38S-Q221
Collection Date: 5/6/2021 12:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	5/7/2021 10:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-016

Client Sample ID: SA-MW-01S-Q221
Collection Date: 5/6/2021 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	170	18	20		ug/L	1	5/7/2021 11:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-017

Client Sample ID: SA-MW-02S-Q221
Collection Date: 5/6/2021 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	45	18	20		ug/L	1	5/7/2021 11:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-018

Client Sample ID: MW-932-Q221
Collection Date: 5/6/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	32	18	20		ug/L	1	5/7/2021 11:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-019

Client Sample ID: SA-MW-06S-Q221
Collection Date: 5/6/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	44	18	20		ug/L	1	5/7/2021 11:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-020

Client Sample ID: SA-MW-07D-Q221
Collection Date: 5/6/2021 10:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	25	18	20		ug/L	1	5/7/2021 11:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-021

Client Sample ID: MW-934-Q221
Collection Date: 5/6/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	69	18	20		ug/L	1	5/7/2021 11:38 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-022

Client Sample ID: SA-MW-07S-Q221
Collection Date: 5/6/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	70	18	20		ug/L	1	5/7/2021 11:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-023

Client Sample ID: SA-MW-09S-Q221
Collection Date: 5/6/2021 1:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate: 5/7/2021		Analyst: DJ	
Iron	ND	18	20		ug/L	1	5/7/2021 11:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-024

Client Sample ID: MW-935-Q221
Collection Date: 5/6/2021 1:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	30	18	20		ug/L	1	5/7/2021 11:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-025

Client Sample ID: SA-MW-10D-Q221
Collection Date: 5/6/2021 2:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	5/8/2021 11:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-026

Client Sample ID: EX-66-Q221
Collection Date: 5/6/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	34	18	20		ug/L	1	5/8/2021 12:13 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-027

Client Sample ID: MW-927-Q221
Collection Date: 5/6/2021 2:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210507C	QC Batch: 87435			PrepDate:	5/7/2021	Analyst: DJ	
Iron	110	18	20		ug/L	1	5/8/2021 12:18 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87434	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/7/2021	RunNo: 152603
Client ID: PBW	Batch ID: 87434	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/7/2021	SeqNo: 4200333
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: LCS1-87434	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/7/2021	RunNo: 152603
Client ID: LCSW	Batch ID: 87434	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/7/2021	SeqNo: 4200334
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	94.848	20	100.0	0	94.8 85 115

Sample ID: N045293-003D-MS1	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/7/2021	RunNo: 152603
Client ID: ZZZZZZ	Batch ID: 87434	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/7/2021	SeqNo: 4200348
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	379.772	20	100.0	221.2	159 75 125 S

Sample ID: N045293-003D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/7/2021	RunNo: 152603
Client ID: ZZZZZZ	Batch ID: 87434	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/7/2021	SeqNo: 4200353
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	192.817	20	100.0	221.2	-28.4 75 125 379.8 65.3 20 SR

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID: MB-87435	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/7/2021	RunNo: 152603
Client ID: PBW	Batch ID: 87435	TestNo: EPA 6010B EPA 3010A	Analysis Date: 5/7/2021	SeqNo: 4200373	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron ND 20

Sample ID: LCS-87435	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/7/2021	RunNo: 152603
Client ID: LCSW	Batch ID: 87435	TestNo: EPA 6010B EPA 3010A	Analysis Date: 5/7/2021	SeqNo: 4200374	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 92.876 20 100.0 0 92.9 85 115

Sample ID: N045309-014DMS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/7/2021	RunNo: 152603
Client ID: ZZZZZZ	Batch ID: 87435	TestNo: EPA 6010B EPA 3010A	Analysis Date: 5/7/2021	SeqNo: 4200385	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 127.840 20 100.0 0 128 75 125 S

Sample ID: N045309-014DMSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/7/2021	RunNo: 152603
Client ID: ZZZZZZ	Batch ID: 87435	TestNo: EPA 6010B EPA 3010A	Analysis Date: 5/7/2021	SeqNo: 4200386	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Iron 119.702 20 100.0 0 120 75 125 127.8 6.58 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N045293-003D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152603
Client ID: ZZZZZZ	Batch ID: 87434	TestNo: EPA 6010B EPA 3010A	Analysis Date: 5/7/2021	SeqNo: 4200347	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	322.099	20	100.0	221.2	101 80 120

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_WDPGEPPB

Sample ID: N045309-014D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:	RunNo: 152603						
Client ID: ZZZZZZ	Batch ID: 87435	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 5/7/2021	SeqNo: 4200384						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	123.068	20	100.0	0	123	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-001

Client Sample ID: SA-MW-08D-Q221
Collection Date: 5/6/2021 11:49:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	2.9	0.050	0.10		µg/L	1	5/13/2021 01:03 PM
Manganese	1.2	0.026	0.50		µg/L	1	5/13/2021 01:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-002

Client Sample ID: SC-MW-44S-Q221
Collection Date: 5/6/2021 3:18:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	0.53	0.050	0.10		µg/L	1	5/13/2021 07:20 PM
Manganese	2.6	0.026	0.50		µg/L	1	5/13/2021 01:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-003

Client Sample ID: SA-MW-05D-Q221
Collection Date: 5/6/2021 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate: 5/7/2021		Analyst: CEI
Arsenic	0.52	0.050	0.10	µg/L	1	5/13/2021 07:44 PM
Manganese	67	0.026	0.50	µg/L	1	5/13/2021 01:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-004

Client Sample ID: MW-933-Q221
Collection Date: 5/6/2021 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	0.50	0.050	0.10		µg/L	1	5/13/2021 01:20 PM
Manganese	69	0.026	0.50		µg/L	1	5/13/2021 01:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-005

Client Sample ID: SA-MW-20D-Q221
Collection Date: 5/6/2021 12:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	28	0.050	0.10		µg/L	1	5/13/2021 01:26 PM
Manganese	2400	0.66	12		µg/L	25	5/13/2021 07:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-006

Client Sample ID: SA-MW-26D-Q221
Collection Date: 5/6/2021 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate: 5/7/2021	Analyst: CEI
Arsenic	1.3	0.050	0.10	µg/L	5/13/2021 01:32 PM
Manganese	3.3	0.026	0.50	µg/L	5/13/2021 01:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-007

Client Sample ID: SA-MW-26S-Q221
Collection Date: 5/6/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	14	0.050	0.10		µg/L	1	5/13/2021 01:38 PM
Manganese	3700	0.66	12		µg/L	25	5/13/2021 07:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-008

Client Sample ID: SA-MW-33S-Q221
Collection Date: 5/6/2021 11:01:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	2.4	0.050	0.10		µg/L	1	5/13/2021 01:56 PM
Manganese	49	0.026	0.50		µg/L	1	5/13/2021 01:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-009

Client Sample ID: SC-MW-09D-Q221
Collection Date: 5/6/2021 2:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate: 5/7/2021	Analyst: CEI
Arsenic	1.1	0.050	0.10	µg/L	5/13/2021 02:02 PM
Manganese	3.4	0.026	0.50	µg/L	5/13/2021 02:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-010

Client Sample ID: MW-38B-Q221
Collection Date: 5/6/2021 8:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	0.59	0.050	0.10		µg/L	1	5/13/2021 02:08 PM
Manganese	2.1	0.026	0.50		µg/L	1	5/13/2021 02:08 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-011

Client Sample ID: MW-75D-Q221
Collection Date: 5/6/2021 9:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	1.5	0.050	0.10		µg/L	1	5/13/2021 02:13 PM
Manganese	52	0.026	0.50		µg/L	1	5/13/2021 02:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-012

Client Sample ID: SA-MW-38D-Q221
Collection Date: 5/6/2021 11:36:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	4.0	0.050	0.10		µg/L	1	5/13/2021 02:19 PM
Manganese	0.61	0.026	0.50		µg/L	1	5/13/2021 02:19 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-013

Client Sample ID: MW-938-Q221
Collection Date: 5/6/2021 11:46:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	4.2	0.050	0.10		µg/L	1	5/13/2021 02:25 PM
Manganese	0.62	0.026	0.50		µg/L	1	5/13/2021 02:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-014

Client Sample ID: SA-MW-38S-Q221
Collection Date: 5/6/2021 12:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	0.35	0.050	0.10		µg/L	1	5/13/2021 07:50 PM
Manganese	ND	0.026	0.50		µg/L	1	5/13/2021 02:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-016

Client Sample ID: SA-MW-01S-Q221
Collection Date: 5/6/2021 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	1.4	0.050	0.10		µg/L	1	5/13/2021 03:12 PM
Manganese	150	0.026	0.50		µg/L	1	5/13/2021 03:12 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-017

Client Sample ID: SA-MW-02S-Q221
Collection Date: 5/6/2021 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate: 5/7/2021		Analyst: CEI
Arsenic	3.6	0.050	0.10	µg/L	1	5/13/2021 03:18 PM
Manganese	170	0.026	0.50	µg/L	1	5/13/2021 03:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-018

Client Sample ID: MW-932-Q221
Collection Date: 5/6/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	3.6	0.050	0.10		µg/L	1	5/13/2021 03:24 PM
Manganese	170	0.026	0.50		µg/L	1	5/13/2021 03:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-019

Client Sample ID: SA-MW-06S-Q221
Collection Date: 5/6/2021 12:14:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate:	5/7/2021	Analyst: CEI	
Arsenic	0.45	0.050	0.10		µg/L	1	5/13/2021 03:30 PM
Manganese	0.56	0.026	0.50		µg/L	1	5/13/2021 03:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-020

Client Sample ID: SA-MW-07D-Q221
Collection Date: 5/6/2021 10:47:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87432			PrepDate: 5/7/2021	Analyst: CEI
Arsenic	2.2	0.050	0.10	µg/L	5/13/2021 03:36 PM
Manganese	1.2	0.026	0.50	µg/L	5/13/2021 03:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-021

Client Sample ID: MW-934-Q221
Collection Date: 5/6/2021 10:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	2.3	0.050	0.10		µg/L	1	5/13/2021 03:54 PM
Manganese	1.4	0.026	0.50		µg/L	1	5/13/2021 03:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-022

Client Sample ID: SA-MW-07S-Q221
Collection Date: 5/6/2021 11:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	1.7	0.050	0.10		µg/L	1	5/13/2021 07:38 PM
Manganese	28	0.026	0.50		µg/L	1	5/13/2021 04:47 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-023

Client Sample ID: SA-MW-09S-Q221
Collection Date: 5/6/2021 1:24:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	2.7	0.050	0.10		µg/L	1	5/13/2021 04:53 PM
Manganese	59	0.026	0.50		µg/L	1	5/13/2021 04:53 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-024

Client Sample ID: MW-935-Q221
Collection Date: 5/6/2021 1:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	2.7	0.050	0.10		µg/L	1	5/13/2021 04:58 PM
Manganese	60	0.026	0.50		µg/L	1	5/13/2021 04:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-025

Client Sample ID: SA-MW-10D-Q221
Collection Date: 5/6/2021 2:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate: 5/8/2021		Analyst: CEI
Arsenic	1.3	0.050	0.10	µg/L	1	5/13/2021 05:04 PM
Manganese	1.1	0.026	0.50	µg/L	1	5/13/2021 05:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-026

Client Sample ID: EX-66-Q221
Collection Date: 5/6/2021 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	15	0.050	0.10		µg/L	1	5/13/2021 05:10 PM
Manganese	34	0.026	0.50		µg/L	1	5/13/2021 05:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045309
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045309-027

Client Sample ID: MW-927-Q221
Collection Date: 5/6/2021 2:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	15	0.050	0.10		µg/L	1	5/13/2021 05:16 PM
Manganese	33	0.026	0.50		µg/L	1	5/13/2021 05:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87432	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: PBW	Batch ID: 87432	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209482
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID: LCS-87432	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: LCSW	Batch ID: 87432	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209483
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.462	0.10	10.00	0	105 85 115
Manganese	101.607	0.50	100.0	0	102 85 115

Sample ID: N045309-014DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209503
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese	96.368	0.50	100.0	0.2055	96.2 75 125
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Sample ID: N045309-014DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209506
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese	97.441	0.50	100.0	0.2055	97.2 75 125 96.37 1.11 20
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Sample ID: N045309-014DMS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4211357
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.736	0.10	10.00	0.3490	104 75 125
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID: N045309-014DMSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/7/2021	RunNo: 152806						
Client ID: ZZZZZZ	Batch ID: 87432	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4211358						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	10.787	0.10	10.00	0.3490	104	75	125	10.74	0.474	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045309
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_DIS

Sample ID: MB-87457	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806						
Client ID: PBW	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	0.10									
Manganese	ND	0.50									

Sample ID: LCS-87457	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806						
Client ID: LCSW	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209513						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	10.266	0.10	10.00	0	103	85	115				
Manganese	102.194	0.50	100.0	0	102	85	115				

Sample ID: N045309-021D-MS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806						
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209521						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	12.380	0.10	10.00	2.329	101	75	125				
Manganese	98.837	0.50	100.0	1.379	97.5	75	125				

Sample ID: N045309-021D-MSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806						
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209522						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	12.283	0.10	10.00	2.329	99.5	75	125	12.38	0.785	20	
Manganese	97.760	0.50	100.0	1.379	96.4	75	125	98.84	1.10	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CHAIN OF CUSTODY RECORD

ARCUS02

C: 5/20/2021 12:00 AM

FOLDER

R: 5/6/2021

N045309-031A

1 of 1



Page

1 of 2

Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled			
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email: tonya.russi@arcadis.com daniel.moore@critejgen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com		P.O.# PENDING		2. Headspace	
Phone: 1 916 865 3168		Fax:		Phone: 1 916 865 3168		Fax:		Specify: EQ EDD		LEVEL IV		3. Container Intact			
Submitted By: Riggie Tap		Title: Field Tech		Signature: Brian Martinez		Date: 5/6/21		Global ID:		Specify State:		4. Seal Present			
Signature: [Signature]		Date: 5/6/21		Signature: [Signature]		Date: 5/6/21		Global ID:		Specify State:		5. IR number			
Project Name: PG&E Hinkley - COMP B		Project Number: 30048045		Sample ID/Location: SA-MW-08D-Q221		Sample Date: 5/6/2021		Sample Time: 1149		Others:		6. Method of Cooling: Ice			
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others		Remarks			
N045309-01		SA-MW-08D-Q221		5/6/2021		1149									
-02		SC-MW-44S-Q221		5/6/2021		1518									
-03		SA-MW-05D-Q221		5/6/2021		1325									
-04		MW-933-Q221		5/6/2021		1335									
-05		SA-MW-20D-Q221		5/6/2021		1234									
-06		SA-MW-26D-Q221		5/6/2021		0915									
-07		SA-MW-26S-Q221		5/6/2021		0944									
-08		SA-MW-33S-Q221		5/6/2021		1101									
-09		SC-MW-09D-Q221		5/6/2021		1425									
-10		MW-38B-Q221		5/6/2021		0846									
-11		MW-75D-Q221		5/6/2021		0934									
-12		SA-MW-38D-Q221		5/6/2021		1136									
-13		MW-938-Q221		5/6/2021		1146									
-14		SA-MW-38S-Q221		5/6/2021		1216									
-15		SC-MW-32S-Q221		5/6/2021		1038									

Relinquished by (Signature and Printed Name): [Signature] Riggie Tap 5/6/21 1610		Date/Time: 5/6/21 1610		Relinquished by (Signature and Printed Name): [Signature] JORDAN 5/6/21 1610		Date/Time: 5/6/21 1610		Turn Around Time (TAT):		Special Instruction:	
Relinquished by (Signature and Printed Name): [Signature] JORDAN 5/6/21 1838		Date/Time: 5/6/21 1838		Relinquished by (Signature and Printed Name): [Signature] JORDAN 5/6/21 1838		Date/Time: 5/6/21 1838		Turn Around Time (TAT):		Special Instruction:	
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		Turn Around Time (TAT):		Special Instruction:	

☐ A < 24 Hrs or Same Day TAT
☐ B = Next Workday
☐ C = 2 Workdays
☐ D = 3 Workdays
☒ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

Preservatives:				Container Type:			
H=HCL	N=HNO ₃	S=H ₂ SO ₄	C=4°C	T=Tube	V=VOA	P=Plint	
Z=Zn(AC) ₂	O=NaOH	T=Na ₂ S ₂ O ₃		J=Jar	B=Tedlar	G=Glass	
Others/Specify:	B	(NH ₄) ₂ SO ₄ /NH ₄ OH		M=Metal	M=Metal	C=Can	

1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
 3. Late then 24 hrs +200% Next Day=100% 2 Workdays=50% 3 Workdays=25% 4 Workdays=20%
 4. Custom EDD formats will be an additional 3% of the total project price.
 5. Acid 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on.

6. Trip blanks and Equipment blanks are billable sample.
 7. Asset Laboratories is not responsible for samples collected using incorrect methodology.
 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
 9. For submittal analysis, TAT and Surcharges will vary.



Contact us:

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2 of 2

[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 5/6/2021 Workorder: N045309
 Rep sample Temp (Deg C): 1.3/2.2/4.8/3.2 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: YR YRJ 5/7/2021

Reviewed By: ABC 5/19/2021

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-001A	SA-MW-08D-Q221	5/6/2021 11:49:00 AM	5/20/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-001B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-001C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-001D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-002A	SC-MW-44S-Q221	5/6/2021 3:18:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-002B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-002C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-002D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-003A	SA-MW-05D-Q221	5/6/2021 1:25:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-003B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-003C	SA-MW-05D-Q221	5/6/2021 1:25:00 PM	5/20/2021	Groundwater	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-003D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-004A	MW-933-Q221	5/6/2021 1:35:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-004B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-004C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-004D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-005A	SA-MW-20D-Q221	5/6/2021 12:34:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-005B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-005C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-005D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-005D	SA-MW-20D-Q221	5/6/2021 12:34:00 PM	5/20/2021	Groundwater	EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-006A	SA-MW-26D-Q221	5/6/2021 9:15:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-006B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-006C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-006D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-007A	SA-MW-26S-Q221	5/6/2021 9:44:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-007B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-007C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-007D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-008A	SA-MW-33S-Q221	5/6/2021 11:01:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-008B	SA-MW-33S-Q221	5/6/2021 11:01:00 AM	5/20/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-008C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-008D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-009A	SC-MW-09D-Q221	5/6/2021 2:25:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-009B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-009C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-009D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-010A	MW-38B-Q221	5/6/2021 8:46:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-010B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-010C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-010D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-010D	MW-38B-Q221	5/6/2021 8:46:00 AM	5/20/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-011A	MW-75D-Q221	5/6/2021 9:34:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-011B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-011C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-011D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-012A	SA-MW-38D-Q221	5/6/2021 11:36:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-012B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-012C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-012D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-013A	MW-938-Q221	5/6/2021 11:46:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-013B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-013B	MW-938-Q221	5/6/2021 11:46:00 AM	5/20/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-013C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-013D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-014A	SA-MW-38S-Q221	5/6/2021 12:16:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045309-014B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045309-014C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VW
N045309-014D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WW
N045309-015A	SC-MW-32S-Q221	5/6/2021 10:38:00 AM	5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-016A	SA-MW-01S-Q221	5/6/2021 9:00:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-016B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-016C	SA-MW-01S-Q221	5/6/2021 9:00:00 AM	5/20/2021	Groundwater	SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-016D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-017A	SA-MW-02S-Q221	5/6/2021 9:50:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-017B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-017C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-017D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-018A	MW-932-Q221	5/6/2021 10:00:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-018B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-018C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-018D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-018D	MW-932-Q221	5/6/2021 10:00:00 AM	5/20/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-019A	SA-MW-06S-Q221	5/6/2021 12:14:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-019B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-019C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-019D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-020A	SA-MW-07D-Q221	5/6/2021 10:47:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-020B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-020C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-020D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-021A	MW-934-Q221	5/6/2021 10:57:00 AM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-021B	MW-934-Q221	5/6/2021 10:57:00 AM	5/20/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-021C	SA-MW-07S-Q221	5/6/2021 11:26:00 AM	5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-021D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-022A			5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-022B	SA-MW-09S-Q221	5/6/2021 1:24:00 PM	5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-022C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-022D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-023A	SA-MW-09S-Q221	5/6/2021 1:24:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-023B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-023C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-023D	SA-MW-09S-Q221	5/6/2021 1:24:00 PM	5/20/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-024A	MW-935-Q221	5/6/2021 1:34:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-024B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-024C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-024D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-025A	SA-MW-10D-Q221	5/6/2021 2:11:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-025B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-025C			5/20/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045309-025D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-025D	SA-MW-10D-Q221	5/6/2021 2:11:00 PM	5/20/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-026A	EX-66-Q221	5/6/2021 2:16:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-026B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-026C			5/20/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-026D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-027A	MW-927-Q221	5/6/2021 2:26:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-027B			5/20/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-027C			5/20/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-027D			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/20/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-028A	EB-763-Q221	5/6/2021 3:45:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-029A	EB-764-Q221	5/6/2021 2:21:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045309-030A	EB-765-Q221	5/6/2021 3:30:00 PM	5/20/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

WORK ORDER Summary

19-May-21

WorkOrder: N045309

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/6/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045309-031A	FOLDER	5/20/2021	5/20/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/20/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/20/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

May 21, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045319

RE: PG&E Hinkley - COMP B, 30046045

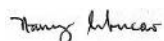
Attention: Tonya Russi

Enclosed are the results for sample(s) received on May 07, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045319

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.5 ug/L) and hexavalent chromium (0 ug/L) for sample N045319-003 (CA-MW-109D-Q221) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery for Orthophosphate, Dissolved (as P) in QC samples N045319-001BMS and N045319-001BMSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery for Iron in QC samples N045319-004D-MS and N045319-004D-MSD possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.5 ug/L) and hexavalent chromium (0 ug/L) for sample N045319-003 (CA-MW-109D-Q221) are discrepant, sample from both the total dissolved



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ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045319

CASE NARRATIVE

chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.4 and 0.92 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N045309-021D-MS and N045309-021D-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ORELAP/NELAP Cert 4046

ASSET Laboratories

Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045319
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045319-001A	CA-MW-108D-Q221	Groundwater	5/7/2021 9:44:00 AM	5/7/2021	5/21/2021
N045319-001B	CA-MW-108D-Q221	Groundwater	5/7/2021 9:44:00 AM	5/7/2021	5/21/2021
N045319-001C	CA-MW-108D-Q221	Groundwater	5/7/2021 9:44:00 AM	5/7/2021	5/21/2021
N045319-002A	CA-MW-107D-Q221	Groundwater	5/7/2021 9:02:00 AM	5/7/2021	5/21/2021
N045319-002B	CA-MW-107D-Q221	Groundwater	5/7/2021 9:02:00 AM	5/7/2021	5/21/2021
N045319-002C	CA-MW-107D-Q221	Groundwater	5/7/2021 9:02:00 AM	5/7/2021	5/21/2021
N045319-003A	CA-MW-109D-Q221	Groundwater	5/7/2021 8:20:00 AM	5/7/2021	5/21/2021
N045319-003B	CA-MW-109D-Q221	Groundwater	5/7/2021 8:20:00 AM	5/7/2021	5/21/2021
N045319-003C	CA-MW-109D-Q221	Groundwater	5/7/2021 8:20:00 AM	5/7/2021	5/21/2021
N045319-004A	SC-MW-04D-Q221	Groundwater	5/7/2021 8:14:00 AM	5/7/2021	5/21/2021
N045319-004B	SC-MW-04D-Q221	Groundwater	5/7/2021 8:14:00 AM	5/7/2021	5/21/2021
N045319-004C	SC-MW-04D-Q221	Groundwater	5/7/2021 8:14:00 AM	5/7/2021	5/21/2021
N045319-004D	SC-MW-04D-Q221	Groundwater	5/7/2021 8:14:00 AM	5/7/2021	5/21/2021
N045319-005A	SC-MW-07D-Q221	Groundwater	5/7/2021 9:06:00 AM	5/7/2021	5/21/2021
N045319-005B	SC-MW-07D-Q221	Groundwater	5/7/2021 9:06:00 AM	5/7/2021	5/21/2021
N045319-005C	SC-MW-07D-Q221	Groundwater	5/7/2021 9:06:00 AM	5/7/2021	5/21/2021
N045319-005D	SC-MW-07D-Q221	Groundwater	5/7/2021 9:06:00 AM	5/7/2021	5/21/2021
N045319-006A	SC-MW-07S-Q221	Groundwater	5/7/2021 9:45:00 AM	5/7/2021	5/21/2021
N045319-006B	SC-MW-07S-Q221	Groundwater	5/7/2021 9:45:00 AM	5/7/2021	5/21/2021
N045319-006C	SC-MW-07S-Q221	Groundwater	5/7/2021 9:45:00 AM	5/7/2021	5/21/2021
N045319-006D	SC-MW-07S-Q221	Groundwater	5/7/2021 9:45:00 AM	5/7/2021	5/21/2021
N045319-007A	SC-MW-02D-Q221	Groundwater	5/7/2021 8:33:00 AM	5/7/2021	5/21/2021
N045319-007B	SC-MW-02D-Q221	Groundwater	5/7/2021 8:33:00 AM	5/7/2021	5/21/2021
N045319-007C	SC-MW-02D-Q221	Groundwater	5/7/2021 8:33:00 AM	5/7/2021	5/21/2021
N045319-007D	SC-MW-02D-Q221	Groundwater	5/7/2021 8:33:00 AM	5/7/2021	5/21/2021
N045319-008A	SC-MW-02M-Q221	Groundwater	5/7/2021 7:53:00 AM	5/7/2021	5/21/2021
N045319-008B	SC-MW-02M-Q221	Groundwater	5/7/2021 7:53:00 AM	5/7/2021	5/21/2021
N045319-008C	SC-MW-02M-Q221	Groundwater	5/7/2021 7:53:00 AM	5/7/2021	5/21/2021
N045319-008D	SC-MW-02M-Q221	Groundwater	5/7/2021 7:53:00 AM	5/7/2021	5/21/2021



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - COMP B, 30046045
Lab Order: N045319
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045319-009A	SC-MW-03D-Q221	Groundwater	5/7/2021 9:48:00 AM	5/7/2021	5/21/2021
N045319-009B	SC-MW-03D-Q221	Groundwater	5/7/2021 9:48:00 AM	5/7/2021	5/21/2021
N045319-009C	SC-MW-03D-Q221	Groundwater	5/7/2021 9:48:00 AM	5/7/2021	5/21/2021
N045319-009D	SC-MW-03D-Q221	Groundwater	5/7/2021 9:48:00 AM	5/7/2021	5/21/2021
N045319-010A	SC-MW-03M-Q221	Groundwater	5/7/2021 9:13:00 AM	5/7/2021	5/21/2021
N045319-010B	SC-MW-03M-Q221	Groundwater	5/7/2021 9:13:00 AM	5/7/2021	5/21/2021
N045319-010C	SC-MW-03M-Q221	Groundwater	5/7/2021 9:13:00 AM	5/7/2021	5/21/2021
N045319-010D	SC-MW-03M-Q221	Groundwater	5/7/2021 9:13:00 AM	5/7/2021	5/21/2021
N045319-011A	EB-766-Q221	Groundwater	5/7/2021 10:00:00 AM	5/7/2021	5/21/2021
N045319-012A	EB-767-Q221	Groundwater	5/7/2021 9:55:00 AM	5/7/2021	5/21/2021
N045319-013A	EB-768-Q221	Groundwater	5/7/2021 10:00:00 AM	5/7/2021	5/21/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-001

Client Sample ID: CA-MW-108D-Q221
Collection Date: 5/7/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/10/2021 11:40 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	5/13/2021 05:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-002

Client Sample ID: CA-MW-107D-Q221
Collection Date: 5/7/2021 9:02:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/10/2021 11:49 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	5/13/2021 05:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-003

Client Sample ID: CA-MW-109D-Q221
Collection Date: 5/7/2021 8:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210510A	QC Batch: R152642			PrepDate:	Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20	µg/L	1	5/10/2021 11:58 AM	
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Chromium	1.5	0.035	1.0	µg/L	1	5/13/2021 05:46 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-004

Client Sample ID: SC-MW-04D-Q221
Collection Date: 5/7/2021 8:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642			PrepDate:		Analyst: RAB	
Hexavalent Chromium	15	0.025	0.20		µg/L	1	5/10/2021 12:08 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Chromium	15	0.035	1.0		µg/L	1	5/13/2021 05:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-005

Client Sample ID: SC-MW-07D-Q221
Collection Date: 5/7/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.1	0.025	0.20		µg/L	1	5/10/2021 12:17 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Chromium	2.1	0.035	1.0		µg/L	1	5/13/2021 05:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-006

Client Sample ID: SC-MW-07S-Q221
Collection Date: 5/7/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210510A	QC Batch: R152642		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.025	0.20		µg/L	1	5/10/2021 12:27 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457		PrepDate:		Analyst: CEI		
Chromium	2.5	0.035	1.0		µg/L	1	5/13/2021 06:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-007

Client Sample ID: SC-MW-02D-Q221
Collection Date: 5/7/2021 8:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642				PrepDate:		Analyst: RAB
Hexavalent Chromium	6.7	0.025	0.20		µg/L	1	5/10/2021 12:55 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457				PrepDate: 5/8/2021		Analyst: CEI
Chromium	7.2	0.035	1.0		µg/L	1	5/13/2021 06:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-008

Client Sample ID: SC-MW-02M-Q221
Collection Date: 5/7/2021 7:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642			PrepDate:		Analyst: RAB	
Hexavalent Chromium	11	0.025	0.20		µg/L	1	5/10/2021 01:05 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Chromium	12	0.035	1.0		µg/L	1	5/13/2021 06:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-009

Client Sample ID: SC-MW-03D-Q221
Collection Date: 5/7/2021 9:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642				PrepDate:		Analyst: RAB
Hexavalent Chromium	1.6	0.025	0.20		µg/L	1	5/10/2021 01:14 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457				PrepDate: 5/8/2021		Analyst: CEI
Chromium	1.6	0.035	1.0		µg/L	1	5/13/2021 06:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-010

Client Sample ID: SC-MW-03M-Q221
Collection Date: 5/7/2021 9:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.6	0.025	0.20		µg/L	1	5/10/2021 01:24 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Chromium	2.3	0.035	1.0		µg/L	1	5/13/2021 06:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-011

Client Sample ID: EB-766-Q221
Collection Date: 5/7/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/10/2021 01:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-012

Client Sample ID: EB-767-Q221
Collection Date: 5/7/2021 9:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210510A	QC Batch: R152642			PrepDate:		Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20	µg/L	1	5/10/2021 01:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-013

Client Sample ID: EB-768-Q221
Collection Date: 5/7/2021 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210510A	QC Batch: R152642		PrepDate:		Analyst: RAB		
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	5/10/2021 01:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R152642	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:					RunNo: 152642			
Client ID: PBW	Batch ID: R152642	TestNo: EPA 218.6			Analysis Date: 5/10/2021					SeqNo: 4202946		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	ND	0.20										

Sample ID: LCS-R152642	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:					RunNo: 152642			
Client ID: LCSW	Batch ID: R152642	TestNo: EPA 218.6			Analysis Date: 5/10/2021					SeqNo: 4202947		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	4.998	0.20	5.000	0	100	90	110					

Sample ID: N045319-007ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:					RunNo: 152642			
Client ID: ZZZZZZ	Batch ID: R152642	TestNo: EPA 218.6			Analysis Date: 5/10/2021					SeqNo: 4202963		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	6.642	0.20						6.674	0.472	20		

Sample ID: N045319-006AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:					RunNo: 152642			
Client ID: ZZZZZZ	Batch ID: R152642	TestNo: EPA 218.6			Analysis Date: 5/10/2021					SeqNo: 4202964		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	3.005	0.20	1.000	2.033	97.2	90	110					

Sample ID: N045319-006AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:					RunNo: 152642			
Client ID: ZZZZZZ	Batch ID: R152642	TestNo: EPA 218.6			Analysis Date: 5/10/2021					SeqNo: 4202965		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Hexavalent Chromium	2.964	0.20	1.000	2.033	93.1	90	110	3.005	1.37	20		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045319-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 152642						
Client ID: ZZZZZZ	Batch ID: R152642	TestNo: EPA 218.6	Analysis Date: 5/10/2021	SeqNo: 4202968							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.093	0.20	1.000	0.05860	103	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87457	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806
Client ID: PBW	Batch ID: 87457	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/13/2021	SeqNo: 4209382
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 0.070 1.0

Sample ID: LCS-87457	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806
Client ID: LCSW	Batch ID: 87457	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/13/2021	SeqNo: 4209383
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.221 1.0 10.00 0 102 85 115

Sample ID: N045309-021D-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152812
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/14/2021	SeqNo: 4210158
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 316.739 5.0 10.00 287.0 298 75 125 S

Sample ID: N045309-021D-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152812
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020 EPA 3010A		Analysis Date: 5/14/2021	SeqNo: 4210161
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 313.374 5.0 10.00 287.0 264 75 125 316.7 1.07 20 S

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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CLIENT: ARCADIS U.S., Inc. - California

Work Order: N045319

Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: N045309-021D-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:				RunNo: 152812			
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/14/2021				SeqNo: 4210157			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	306.603	5.0	10.00	287.0	196	80	120				S

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-001

Client Sample ID: CA-MW-108D-Q221
Collection Date: 5/7/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	0.23	0.19	0.20	mg/L	2	5/8/2021 10:11 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10	mg/L	2	5/8/2021 10:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-002

Client Sample ID: CA-MW-107D-Q221
Collection Date: 5/7/2021 9:02:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/8/2021 12:39 PM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10		mg/L	2	5/8/2021 12:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-003

Client Sample ID: CA-MW-109D-Q221
Collection Date: 5/7/2021 8:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	5/8/2021 11:40 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594			PrepDate:		Analyst: RAB
Nitrate as N	ND	0.019	0.10	mg/L	2	5/8/2021 11:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-004

Client Sample ID: SC-MW-04D-Q221
Collection Date: 5/7/2021 8:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.093	0.10		mg/L	1	5/8/2021 10:56 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Nitrate as N	11	0.095	0.50		mg/L	10	5/8/2021 12:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-005

Client Sample ID: SC-MW-07D-Q221
Collection Date: 5/7/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592			PrepDate:		Analyst: RAB
Nitrate as N	14	0.19	1.0	mg/L	20	5/7/2021 11:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-006

Client Sample ID: SC-MW-07S-Q221
Collection Date: 5/7/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592			PrepDate:		Analyst: RAB
Nitrate as N	16	0.19	1.0	mg/L	20	5/7/2021 11:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-007

Client Sample ID: SC-MW-02D-Q221
Collection Date: 5/7/2021 8:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592	PrepDate:	Analyst: RAB
Nitrate as N	14 0.095 0.50	mg/L	10 5/8/2021 12:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-008

Client Sample ID: SC-MW-02M-Q221
Collection Date: 5/7/2021 7:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210507C	QC Batch: R152592	PrepDate:	Analyst: RAB
Nitrate as N	11 0.095 0.50	mg/L	10 5/8/2021 12:20 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-009

Client Sample ID: SC-MW-03D-Q221
Collection Date: 5/7/2021 9:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594			PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20	mg/L	2	5/8/2021 11:10 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594			PrepDate:		Analyst: RAB
Nitrate as N	11	0.095	0.50	mg/L	10	5/8/2021 01:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-010

Client Sample ID: SC-MW-03M-Q221
Collection Date: 5/7/2021 9:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Orthophosphate, Dissolved (as P)	ND	0.19	0.20		mg/L	2	5/8/2021 11:25 AM

ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210508A	QC Batch: R152594				PrepDate:		Analyst: RAB
Nitrate as N	11	0.095	0.50		mg/L	10	5/8/2021 01:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300_W_PO4PGE**

Sample ID: MB-R152594_PO4	SampType: MBLK	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152594		
Client ID: PBW	Batch ID: R152594	TestNo: EPA 300.0				Analysis Date: 5/8/2021			SeqNo: 4199479		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.10									

Sample ID: LCS-R152594_PO4	SampType: LCS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152594		
Client ID: LCSW	Batch ID: R152594	TestNo: EPA 300.0				Analysis Date: 5/8/2021			SeqNo: 4199480		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	1.252	0.10	1.250	0	100	90	110				

Sample ID: N045319-001BMS	SampType: MS	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152594		
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0				Analysis Date: 5/8/2021			SeqNo: 4199482		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	3.895	0.20	2.500	0.2292	147	80	120				S

Sample ID: N045319-001BMSD	SampType: MSD	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152594		
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0				Analysis Date: 5/8/2021			SeqNo: 4199483		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	3.768	0.20	2.500	0.2292	142	80	120	3.895	3.33	20	S

Sample ID: N045319-003BDUP	SampType: DUP	TestCode: 300_W_PO4P Units: mg/L				Prep Date:			RunNo: 152594		
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0				Analysis Date: 5/8/2021			SeqNo: 4199490		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Orthophosphate, Dissolved (as P)	ND	0.20						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: LCS-R152592_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152592		
Client ID: LCSW	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021			SeqNo: 4199373		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	1.263	0.050	1.250	0	101	90	110				
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Sample ID: MB-R152592_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152592		
Client ID: PBW	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021			SeqNo: 4199374		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	0.014	0.050									
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Sample ID: N045309-015AMS	SampType: MS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152592		
Client ID: ZZZZZZ	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021			SeqNo: 4199376		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	9.637	0.25	6.250	3.349	101	80	120				
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Sample ID: N045309-015AMSD	SampType: MSD	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152592		
Client ID: ZZZZZZ	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021			SeqNo: 4199377		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	9.583	0.25	6.250	3.349	99.7	80	120	9.637	0.567	20	
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Sample ID: N045309-009BDUP	SampType: DUP	TestCode: 300WLLNO3P Units: mg/L				Prep Date:			RunNo: 152592		
Client ID: ZZZZZZ	Batch ID: R152592	TestNo: EPA 300.0				Analysis Date: 5/7/2021			SeqNo: 4199379		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N	11.364	0.50						11.47	0.928	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: N045319-005BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152592						
Client ID: ZZZZZZ	Batch ID: R152592	TestNo: EPA 300.0	Analysis Date: 5/7/2021	SeqNo: 4199388							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N	39.028	1.0	25.00	13.67	101	80	120				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID: MB-R152594_NO3	SampType: MBLK	TestCode: 300WLLNO3P Units: mg/L				Prep Date:				RunNo: 152594		
Client ID: PBW	Batch ID: R152594	TestNo: EPA 300.0				Analysis Date: 5/8/2021				SeqNo: 4199456		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Nitrate as N ND 0.050

Sample ID: LCS-R152594_NO3	SampType: LCS	TestCode: 300WLLNO3P Units: mg/L				Prep Date:				RunNo: 152594		
Client ID: LCSW	Batch ID: R152594	TestNo: EPA 300.0				Analysis Date: 5/8/2021				SeqNo: 4199457		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Nitrate as N 1.295 0.050 1.250 0 104 90 110

Sample ID: N045319-001BMS	SampType: MS	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152594						
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0		Analysis Date: 5/8/2021	SeqNo: 4199459						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 2.482 0.10 2.500 0.04360 97.5 80 120

Sample ID: N045319-001BMSD	SampType: MSD	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152594						
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0		Analysis Date: 5/8/2021	SeqNo: 4199460						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 2.460 0.10 2.500 0.04360 96.6 80 120 2.482 0.915 20

Sample ID: N045319-003BDUP	SampType: DUP	TestCode: 300WLLNO3P	Units: mg/L	Prep Date:	RunNo: 152594						
Client ID: ZZZZZZ	Batch ID: R152594	TestNo: EPA 300.0		Analysis Date: 5/8/2021	SeqNo: 4199464						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 0.070 0.10 0.06940 0 20

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-004

Client Sample ID: SC-MW-04D-Q221
Collection Date: 5/7/2021 8:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210517A	QC Batch: R152800			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/17/2021 03:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-005

Client Sample ID: SC-MW-07D-Q221
Collection Date: 5/7/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON							
				SM 5310C			
RunID: TOC2_210517A	QC Batch: R152800		PrepDate:		Analyst: JBB		
Organic Carbon, Total	ND	0.084	1.0		mg/L	1	5/17/2021 03:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-006

Client Sample ID: SC-MW-07S-Q221
Collection Date: 5/7/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210517A	QC Batch: R152800			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/17/2021 03:59 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-007

Client Sample ID: SC-MW-02D-Q221
Collection Date: 5/7/2021 8:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210517A	QC Batch: R152800			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/17/2021 04:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-008

Client Sample ID: SC-MW-02M-Q221
Collection Date: 5/7/2021 7:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210517A	QC Batch: R152800			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/17/2021 04:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-009

Client Sample ID: SC-MW-03D-Q221
Collection Date: 5/7/2021 9:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210517A	QC Batch: R152800			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/17/2021 04:45 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-010

Client Sample ID: SC-MW-03M-Q221
Collection Date: 5/7/2021 9:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL ORGANIC CARBON
SM 5310C

RunID: TOC2_210517A	QC Batch: R152800			PrepDate:		Analyst: JBB
Organic Carbon, Total	ND	0.084	1.0	mg/L	1	5/17/2021 05:01 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 5310C_W_T**

Sample ID: MB-R152800	SampType: MBLK	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152800
Client ID: PBW	Batch ID: R152800	TestNo: SM 5310C		Analysis Date: 5/17/2021	SeqNo: 4208873
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.0			

Sample ID: LCS-R152800	SampType: LCS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152800
Client ID: LCSW	Batch ID: R152800	TestNo: SM 5310C		Analysis Date: 5/17/2021	SeqNo: 4208874
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.777	1.0	5.000	0	95.5 85 115

Sample ID: N045309-021CMS	SampType: MS	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152800
Client ID: ZZZZZZ	Batch ID: R152800	TestNo: SM 5310C		Analysis Date: 5/17/2021	SeqNo: 4208876
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.503	1.0	5.000	0.2103	85.8 75 125

Sample ID: N045309-021CMSD	SampType: MSD	TestCode: 5310C_W_T	Units: mg/L	Prep Date:	RunNo: 152800
Client ID: ZZZZZZ	Batch ID: R152800	TestNo: SM 5310C		Analysis Date: 5/17/2021	SeqNo: 4208877
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	4.634	1.0	5.000	0.2103	88.5 75 125 4.503 2.87 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-004

Client Sample ID: SC-MW-04D-Q221
Collection Date: 5/7/2021 8:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210511D	QC Batch: 87470			PrepDate:	5/10/2021	Analyst: DJ	
Iron	110	18	20		ug/L	1	5/11/2021 06:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-005

Client Sample ID: SC-MW-07D-Q221
Collection Date: 5/7/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210511D	QC Batch: 87470			PrepDate:	5/10/2021	Analyst: DJ	
Iron	20	18	20		ug/L	1	5/11/2021 06:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-006

Client Sample ID: SC-MW-07S-Q221
Collection Date: 5/7/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210511D	QC Batch: 87470			PrepDate:	5/10/2021	Analyst: DJ	
Iron	110	18	20		ug/L	1	5/11/2021 06:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-007

Client Sample ID: SC-MW-02D-Q221
Collection Date: 5/7/2021 8:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210511D	QC Batch: 87470			PrepDate:	5/10/2021	Analyst: DJ	
Iron	74	18	20		ug/L	1	5/11/2021 06:50 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-008

Client Sample ID: SC-MW-02M-Q221
Collection Date: 5/7/2021 7:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210511D	QC Batch: 87470			PrepDate:	5/10/2021	Analyst: DJ	
Iron	93	18	20		ug/L	1	5/11/2021 06:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-009

Client Sample ID: SC-MW-03D-Q221
Collection Date: 5/7/2021 9:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210511D	QC Batch: 87470			PrepDate:	5/10/2021	Analyst: DJ	
Iron	ND	18	20		ug/L	1	5/11/2021 07:02 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-010

Client Sample ID: SC-MW-03M-Q221
Collection Date: 5/7/2021 9:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP							
	EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_210511D	QC Batch: 87470			PrepDate:	5/10/2021	Analyst: DJ	
Iron	23	18	20		ug/L	1	5/11/2021 07:06 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: MB-87470	SampType: MBLK	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/10/2021	RunNo: 152662
Client ID: PBW	Batch ID: 87470	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/11/2021	SeqNo: 4203966
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	20			

Sample ID: N045319-004D-MS	SampType: MS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/10/2021	RunNo: 152662
Client ID: ZZZZZZ	Batch ID: 87470	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/11/2021	SeqNo: 4203971
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	178.444	20	100.0	108.9	69.6 75 125 S

Sample ID: N045319-004D-MSD	SampType: MSD	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/10/2021	RunNo: 152662
Client ID: ZZZZZZ	Batch ID: 87470	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/11/2021	SeqNo: 4203972
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	147.296	20	100.0	108.9	38.4 75 125 178.4 19.1 20 S

Sample ID: LCS-87470	SampType: LCS	TestCode: 6010_WDPG	Units: ug/L	Prep Date: 5/10/2021	RunNo: 152662
Client ID: LCSW	Batch ID: 87470	TestNo: EPA 6010B EPA 3010A		Analysis Date: 5/11/2021	SeqNo: 4203977
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	85.939	20	100.0	0	85.9 85 115

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_WDPGEPPB**

Sample ID: N045319-004D-PS	SampType: PS	TestCode: 6010_WDPG	Units: ug/L	Prep Date:				RunNo: 152662			
Client ID: ZZZZZZ	Batch ID: 87470	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 5/11/2021				SeqNo: 4203970			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	165.288	20	100.0	108.9	56.4	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-001

Client Sample ID: CA-MW-108D-Q221
Collection Date: 5/7/2021 9:44:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Manganese	180	0.026	0.50		µg/L	1	5/13/2021 05:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-002

Client Sample ID: CA-MW-107D-Q221
Collection Date: 5/7/2021 9:02:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210514B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Manganese	1200	0.26	5.0		µg/L	10	5/14/2021 10:03 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-003

Client Sample ID: CA-MW-109D-Q221
Collection Date: 5/7/2021 8:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210514B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Manganese	250	0.13	2.5		µg/L	5	5/14/2021 10:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-004

Client Sample ID: SC-MW-04D-Q221
Collection Date: 5/7/2021 8:14:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	2.5	0.050	0.10		µg/L	1	5/13/2021 05:52 PM
Manganese	1.4	0.026	0.50		µg/L	1	5/13/2021 05:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-005

Client Sample ID: SC-MW-07D-Q221
Collection Date: 5/7/2021 9:06:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate: 5/8/2021	Analyst: CEI
Arsenic	2.3	0.050	0.10	µg/L	5/13/2021 05:57 PM
Manganese	ND	0.026	0.50	µg/L	5/13/2021 05:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-006

Client Sample ID: SC-MW-07S-Q221
Collection Date: 5/7/2021 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	2.3	0.050	0.10		µg/L	1	5/13/2021 06:03 PM
Manganese	1.1	0.026	0.50		µg/L	1	5/13/2021 06:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-007

Client Sample ID: SC-MW-02D-Q221
Collection Date: 5/7/2021 8:33:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	1.7	0.050	0.10		µg/L	1	5/13/2021 06:09 PM
Manganese	2.3	0.026	0.50		µg/L	1	5/13/2021 06:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-008

Client Sample ID: SC-MW-02M-Q221
Collection Date: 5/7/2021 7:53:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate: 5/8/2021		Analyst: CEI
Arsenic	2.0	0.050	0.10	µg/L	1	5/13/2021 06:15 PM
Manganese	2.2	0.026	0.50	µg/L	1	5/13/2021 06:15 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-009

Client Sample ID: SC-MW-03D-Q221
Collection Date: 5/7/2021 9:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 3010A
EPA 6020

RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate: 5/8/2021	Analyst: CEI
Arsenic	2.9	0.050	0.10	µg/L	5/13/2021 06:21 PM
Manganese	ND	0.026	0.50	µg/L	5/13/2021 06:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 21-May-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045319
Project: PG&E Hinkley - COMP B, 30046045
Lab ID: N045319-010

Client Sample ID: SC-MW-03M-Q221
Collection Date: 5/7/2021 9:13:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED METALS BY ICP-MS							
	EPA 3010A			EPA 6020			
RunID: NV00922-ICP8_210513B	QC Batch: 87457			PrepDate:	5/8/2021	Analyst: CEI	
Arsenic	2.5	0.050	0.10		µg/L	1	5/13/2021 06:27 PM
Manganese	1.6	0.026	0.50		µg/L	1	5/13/2021 06:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045319
Project: PG&E Hinkley - COMP B, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020_DIS**

Sample ID: MB-87457	SampType: MBLK	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806
Client ID: PBW	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209512
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.10			
Manganese	ND	0.50			

Sample ID: LCS-87457	SampType: LCS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806
Client ID: LCSW	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209513
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	10.266	0.10	10.00	0	103	85	115
Manganese	102.194	0.50	100.0	0	102	85	115

Sample ID: N045309-021D-MS	SampType: MS	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209521
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	12.380	0.10	10.00	2.329	101	75	125
Manganese	98.837	0.50	100.0	1.379	97.5	75	125

Sample ID: N045309-021D-MSD	SampType: MSD	TestCode: 6020_DIS	Units: µg/L	Prep Date: 5/8/2021	RunNo: 152806
Client ID: ZZZZZZ	Batch ID: 87457	TestNo: EPA 6020	EPA 3010A	Analysis Date: 5/13/2021	SeqNo: 4209522
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	12.283	0.10	10.00	2.329	99.5	75	125	12.38	0.785	20
Manganese	97.760	0.50	100.0	1.379	96.4	75	125	98.84	1.10	20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

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1 of 2

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Client: Arcadis		Report to: Tonya Russi		Bill to: Lisa Kellogg		EDD Requirement		QA/QC		Sample Receipt Condition													
Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Company: Arcadis		Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD		RTNE		1. Chilled													
Phone: 1 916 865 3188		Email: tonya.russi@arcadis.com daniel.moore@crtigen.com		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Geotracker		RWQCB		2. Headspace													
Submitted By: Brian Martinez		Email to: lisa.kellogg@arcadis.com		P.O.#		LabSpec		CalTrans		3. Container Intact													
Title: Field Tech		Phone: 1 916 865 3188		Phone: 951.677.0577		Others		LEVEL III		4. Seal Present													
Signature: [Signature]		Date: 5/7/21		Fax:		Specify: EQ EDD		LEVEL IV		5. IR number													
Project Name: PG&E Hinkley - COMP B		Signature: [Signature]		Date: 5/7/21		Global ID:		Regulatory		6. Method of Cooling:													
Project Number: 30046045		Sampled By: Riggie Tep		Ground-water		Specify State:		Sample Temp: 3.2/2.8°C		Courier: ASSET													
		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling this sample location, date or time of collection is considered fraud and may be grounds for		Potable						Tracking No.:													
		NPDES		Other Solid																			
		Surface																					
Item No.	Laboratory Work Order No.	Sample ID/Location	Sample Date	Sample Time	Others	Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C, 250 ml Poly	Antions (E300.0) NO3N; 4°C; 1000ml Poly	Ortho-Phosphate (E300.0); 4°C; 1000ml Poly	Antions (E300.0) SO4; 4°C; 1000ml Poly	TDS (SM2540C); 4°C; 1000ml Poly	Gross Alpha (E900); HNO3; 2x1000ml Poly	Gross Beta (E900); HNO3; 2x1000ml Poly	TOC (SM5310) H2SO4, 4°C 3x40 ml VOA	Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6010BDia) Fe; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly	Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly	Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly	Eosine, Fluorescein; 4°C (blue ice); 50ml Centrifuge tube	Turn Around Time	No. of Container	Remarks	
	N045319-01	CA-MW-108D-Q221	5/7/2021	0944		X	X	X						X	X					E	3		
	-02	CA-MW-107D-Q221	5/7/2021	0902		X	X	X						X	X					E	3		
	-03	CA-MW-109D-Q221	5/7/2021	0820		X	X	X						X	X					E	3		
	-04	SC-MW-04D-Q221	5/7/2021	0814		X	X	X					X	X	X	X				E	6		
	-05	SC-MW-07D-Q221	5/7/2021	0906		X	X						X	X	X	X				E	6		
	-06	SC-MW-07S-Q221	5/7/2021	0945		X	X						X	X	X	X				E	6		
	-07	SC-MW-02D-Q221	5/7/2021	0833		X	X						X	X	X	X				E	6		
	-08	SC-MW-02M-Q221	5/7/2021	0753		X	X						X	X	X	X				E	6		
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 1125						Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 1125						Turn Around Time (TAT)						Special Instruction:					
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 1401						Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 1401						TAT Starts at 8 AM the following day if samples received after 3:00PM.											
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 1401						Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 1401						Preservatives:						Container Type:					
												H=HCL N=HNO3 S=H2SO4 C=4°C T=Tube V=VOA P=Pin											
												Z=Zn(AC)2 O=NaOH T=Na2S2O3 J=Jar B=Tedlar G=Glass											
												Others/Specify: B (NH4)2SO4/NH4OH M=Metal M=Metal C=Can											

Terms
 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
 3. Custom EDD formats will be an additional 3% of the total project price.
 4. Add 10% surcharge for Level II Data Packages, 15% for Level IV Data Packages. Surcharge applied on report.
 5. Trip Blanks and Equipment Blanks are billable sample.
 6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
 7. Terms are net 30 days.
 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
 9. For subcontract analysis, TAT and Surcharges will vary.



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P: 562.219.7435 F: 562.219.7436
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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.morre@critigen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Email: lisa.kellogg@arcadis.com		EDD Requirement: Excel EDD Geotracker Labspec Others: <input checked="" type="checkbox"/> LEVEL III		QA/QC: RTNE RWQCB CalTrans LEVEL IV Regulatory Specify State:		Sample Receipt Condition: 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling:													
Phone: 1 916 865 3168 Fax: Submitted By: Brian Martinez Title: Field Tech		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax:		Phone: 951.677.0577		P.O.#: PENDING Fax:		Global ID:		Sample Temp: 3.2/12.8°C													
Signature: [Signature] Date: 5/7/21 <small>I hereby authorize ASSET Lab to perform the tests indicated below.</small>		Sampled By: Riggie Ter Signature: [Signature] Date: 5/7/21 <small>I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.</small>		Matrix: Ground-water x Sediment Potable Soil NPDES Other Solid Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C; 250 ml Poly Anions (E300.0) NO3N, 4°C; 1000ml Poly Ortho-Phosphate (E300.0); 4°C; 1000ml Poly Anions (E300.0) SO4, 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha (E900); HNO3; 2x1000ml Poly Gross Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3x40 ml VOA Metals Dissolved (E020AFF) As : HNO3, 4°C; 500 ml Poly Metals Dissolved (E010BDis) Fe: HNO3, 4°C; 500 ml Poly Metals Dissolved (E020AFF) Mn: HNO3, 4°C; 500 ml Poly Metals Dissolved (E020AFF) Cr : HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly Esosins, Fluorescein, 4°C (blue ice); 50ml Centrifuge tube		Turn Around Time (TAT) A < 24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays		Special Instruction:													
Project Name: PG&E Hinkley - COMP B Project Number: 30046045		Sample ID/Location:		Sample Date		Sample Time		Others		Remarks													
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others													
N045319-09		SC-MW-03D-Q221		5/7/2021		0948		X		X													
-10		SC-MW-03M-Q221		5/7/2021		0913		X		X													
-11		EB-766-Q221		5/7/2021		1000		X		X													
-12		EB-767-Q221		5/7/2021		0955		X		X													
-13		EB-768-Q221		5/7/2021		1000		X		X													
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 11:25				Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 14:01				Turn Around Time (TAT):				Special Instruction:											
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 14:01				Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 14:01				Turn Around Time (TAT):				Special Instruction:											
Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 14:01				Relinquished by (Signature and Printed Name): [Signature] Date/Time: 5/7/21 14:01				Turn Around Time (TAT):				Special Instruction:											
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Less than 24 Hrs = 200% Next Day 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20% 4. Custom EDD formats will be an additional 3% of the total project price.												Terms: 5. Trip Blankets and Equipment Blankets are billable sample. 6. Asset Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net-30 days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For subchronic analysis, TAT and Surcharges will vary.											
Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH												Container Type: T=Tube V=VOA P=Plat J=Jar B=Tedlar G=Glass M=Metal C=Can											

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 5/7/2021

Workorder: N045319

Rep sample Temp (Deg C): 3.2/2.8

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

For:

Checklist Completed By: YR GGarcia 5/7/2021

Reviewed By:

MBC

5/19/2021

ASSET Laboratories

WORK ORDER Summary

10-May-21

WorkOrder: N045319

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045319-001A	CA-MW-108D-Q221	5/7/2021 9:44:00 AM	5/21/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-001B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-001C			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-002A	CA-MW-107D-Q221	5/7/2021 9:02:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-002B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-002C			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-003A	CA-MW-109D-Q221	5/7/2021 8:20:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-003B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-003C			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-004A	SC-MW-04D-Q221	5/7/2021 8:14:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-004B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-004C			5/21/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW

ASSET Laboratories

WORK ORDER Summary

10-May-21

WorkOrder: N045319

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045319-004D	SC-MW-04D-Q221	5/7/2021 8:14:00 AM	5/21/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-005A	SC-MW-07D-Q221	5/7/2021 9:06:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-005B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-005C			5/21/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045319-005D			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-006A	SC-MW-07S-Q221	5/7/2021 9:45:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-006B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-006C			5/21/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045319-006D			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-007A	SC-MW-02D-Q221	5/7/2021 8:33:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

10-May-21

WorkOrder: N045319

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045319-007B	SC-MW-02D-Q221	5/7/2021 8:33:00 AM	5/21/2021	Groundwater	EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-007C			5/21/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045319-007D			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-008A	SC-MW-02M-Q221	5/7/2021 7:53:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-008B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-008C			5/21/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045319-008D			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-009A	SC-MW-03D-Q221	5/7/2021 9:48:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-009B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-009C			5/21/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045319-009D			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

10-May-21

WorkOrder: N045319

Client ID: ARCUS02

Project: PG&E Hinkley - COMP B, 30046045

QC Level: Level IV

Date Received: 5/7/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045319-009D	SC-MW-03D-Q221	5/7/2021 9:48:00 AM	5/21/2021	Groundwater	EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-010A	SC-MW-03M-Q221	5/7/2021 9:13:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-010B			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-010C			5/21/2021		SM 5310C	TOTAL ORGANIC CARBON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N045319-010D			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6010B	DISSOLVED METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			5/21/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-011A	EB-766-Q221	5/7/2021 10:00:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-012A	EB-767-Q221	5/7/2021 9:55:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-013A	EB-768-Q221	5/7/2021 10:00:00 AM	5/21/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045319-014A	FOLDER	5/21/2021	5/21/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/21/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/21/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

June 16, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045692

RE: PG&E Hinkley - GMP, 30046045

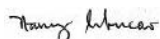
Attention: Tonya Russi

Enclosed are the results for sample(s) received on June 01, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045692

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (3.1ug/L) and hexavalent chromium (2.1 ug/L) for sample N045692-002 (MW-157S-RE-0621) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (4.2 ug/L) and hexavalent chromium (3.2 ug/L) for sample N045692-003 (MW-153S-RE-0621) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (6.6 ug/L) and hexavalent chromium (1.4 ug/L) for sample N045692-004 (EX-36-RE-0621) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (3.1ug/L) and hexavalent chromium (2.1 ug/L) for sample N045692-002 (MW-157S-RE-0621) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 3.0 and 2.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (4.2 ug/L) and hexavalent chromium (3.2 ug/L) for sample N045692-003 (MW-153S-RE-0621) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.0 and 3.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045692

CASE NARRATIVE

Because the results for total dissolved chromium (6.6 ug/L) and hexavalent chromium (1.4 ug/L) for sample N045692-004 (EX-36-RE-0621) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 7.5 and 3.9 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N045692**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045692-001A	MW-121D-RE-0621	Groundwater	6/1/2021 12:10:00 PM	6/1/2021	6/16/2021
N045692-001B	MW-121D-RE-0621	Groundwater	6/1/2021 12:10:00 PM	6/1/2021	6/16/2021
N045692-002A	MW-157S-RE-0621	Groundwater	6/1/2021 2:46:00 PM	6/1/2021	6/16/2021
N045692-002B	MW-157S-RE-0621	Groundwater	6/1/2021 2:46:00 PM	6/1/2021	6/16/2021
N045692-003A	MW-153S-RE-0621	Groundwater	6/1/2021 10:10:00 AM	6/1/2021	6/16/2021
N045692-003B	MW-153S-RE-0621	Groundwater	6/1/2021 10:10:00 AM	6/1/2021	6/16/2021
N045692-004A	EX-36-RE-0621	Groundwater	6/1/2021 10:58:00 AM	6/1/2021	6/16/2021
N045692-004B	EX-36-RE-0621	Groundwater	6/1/2021 10:58:00 AM	6/1/2021	6/16/2021
N045692-005A	EB-785-Q221	Groundwater	6/1/2021 3:00:00 PM	6/1/2021	6/16/2021

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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045692
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045692-001

Client Sample ID: MW-121D-RE-0621
Collection Date: 6/1/2021 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210602A	QC Batch: R153226			PrepDate:		Analyst: RAB	
Hexavalent Chromium	3.9	0.025	0.20		µg/L	1	6/2/2021 10:57 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210609A	QC Batch: 87875			PrepDate:	6/3/2021	Analyst: CEI	
Chromium	4.2	0.035	1.0		µg/L	1	6/9/2021 01:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045692
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045692-002

Client Sample ID: MW-157S-RE-0621
Collection Date: 6/1/2021 2:46:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210602A	QC Batch: R153226		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.1	0.025	0.20		µg/L	1	6/2/2021 11:08 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210609A	QC Batch: 87875		PrepDate:		Analyst: CEI		
Chromium	3.1	0.035	1.0		µg/L	1	6/9/2021 02:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045692
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045692-003

Client Sample ID: MW-153S-RE-0621
Collection Date: 6/1/2021 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210602A	QC Batch: R153226			PrepDate:		Analyst: RAB	
Hexavalent Chromium	3.2	0.025	0.20		µg/L	1	6/2/2021 11:17 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210609A	QC Batch: 87875			PrepDate:	6/3/2021	Analyst: CEI	
Chromium	4.2	0.035	1.0		µg/L	1	6/9/2021 02:28 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045692
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045692-004

Client Sample ID: EX-36-RE-0621
Collection Date: 6/1/2021 10:58:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210602A	QC Batch: R153226		PrepDate:		Analyst: RAB		
Hexavalent Chromium	1.4	0.025	0.20		µg/L	1	6/2/2021 11:27 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210609A	QC Batch: 87875		PrepDate:		Analyst: CEI		
Chromium	6.6	0.035	1.0		µg/L	1	6/9/2021 02:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045692
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045692-005

Client Sample ID: EB-785-Q221
Collection Date: 6/1/2021 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210602A	QC Batch: R153226	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			6/2/2021 12:33 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045692
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R153226	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226
Client ID: PBW	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229125
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R153226	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226
Client ID: LCSW	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229126
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.989	0.20	5.000	0	99.8 90 110

Sample ID N045693-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226
Client ID: ZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229132
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.441	0.20	1.000	0.4114	103 90 110

Sample ID N045693-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226
Client ID: ZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229134
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	3.720	0.20	1.000	2.762	95.8 90 110

Sample ID N045692-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226
Client ID: ZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229138
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.008	0.20	1.000	0	101 90 110

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045692
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045692-004AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	153226		
Client ID:	ZZZZZZ	Batch ID:	R153226	TestNo:	EPA 218.6			Analysis Date:	6/2/2021	SeqNo:	4229143		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.428	0.20	1.000	1.424	100	90	110				
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Sample ID	N045692-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226					
Client ID:	ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6	Analysis Date: 6/2/2021	SeqNo: 4229144						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.410	0.20	1.000	1.424	98.6	90	110	2.428	0.724	20	
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Sample ID	N045692-001ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	153226		
Client ID:	ZZZZZZ	Batch ID:	R153226	TestNo:	EPA 218.6			Analysis Date:	6/2/2021	SeqNo:	4229145		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.881	0.20						3.891	0.255	20	
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Sample ID	N045692-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226					
Client ID:	ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229146					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	9.121	0.20	5.000	3.891	105	90	110				
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Sample ID	N045692-002AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	153226		
Client ID:	ZZZZZZ	Batch ID:	R153226	TestNo:	EPA 218.6			Analysis Date:	6/2/2021	SeqNo:	4229149		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.203	0.20	1.000	2.135	107	90	110				
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Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045692
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045692-003AMS	SampType:	MS	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	153226			
Client ID:	ZZZZZZ	Batch ID:	R153226	TestNo:	EPA 218.6			Analysis Date:	6/2/2021	SeqNo:	4229150			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		4.215		0.20	1.000	3.163		105	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045692
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87875	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/3/2021	RunNo:	153413		
Client ID:	PBW	Batch ID:	87875	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/9/2021	SeqNo:	4237392		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID	LCS-87875	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/3/2021	RunNo:	153413		
Client ID:	LCSW	Batch ID:	87875	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/9/2021	SeqNo:	4237393		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 9.994 1.0 10.00 0 99.9 85 115

Sample ID	N045692-001B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/3/2021	RunNo: 153413					
Client ID:	ZZZZZZ	Batch ID: 87875	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/9/2021	SeqNo: 4237399					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 13.752 1.0 10.00 4.164 95.9 75 125

Sample ID	N045692-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/3/2021	RunNo: 153413					
Client ID: ZZZZZZ	Batch ID: 87875	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/9/2021	SeqNo: 4237400						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 13.671 1.0 10.00 4.164 95.1 75 125 13.75 0.590 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520 Address: Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577		P.O.# Fax:		Edd Requirement Excel EDD GeoTracker LabSpec Others: <input checked="" type="checkbox"/>		QA/QC RTNE RWQCB CellTrans LEVEL III LEVEL IV <input checked="" type="checkbox"/> Regulatory Specify State:		Sample Receipt Condition 1. Chilled <input checked="" type="checkbox"/> 2. Headspace <input checked="" type="checkbox"/> 3. Container Intact <input checked="" type="checkbox"/> 4. Seal Present <input checked="" type="checkbox"/> 5. IR number <input checked="" type="checkbox"/> 6. Method of Cooling: ICE Sample Temp: 11.0C Courier: KSOFT Tracking No.:	
Phone: 1 916 865 3168 Submitted By: Nava Tep Title: sample tech		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3168 Fax:		Ground-water x Sediment Potable Soil NPDES Other Solid Surface		Matrix Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly Anions (E300.0) NO3N; 4°C; 1000ml Poly Ortho-Phosphate (E900.0); 4°C; 1000ml Poly TDS (SM2540C); 4°C; 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDIs) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8F) HNO3, 4°C; 500 ml Poly TPH-D (8015B) 3x1 Liter Amber Glass, 4°C TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time (TAT) A <24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction:			
Signature: [Signature] Date: 6/1/21 I hereby authorize ASSET Lab to perform the tests indicated below. Project Name: PG&E Hinkley - GMP Project Number: 30046045		Sampled By: Nava Tep I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution. Signature: [Signature] Date: 6/1/21		Sample Date Sample Time Others		Remarks							
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others		Remarks	
		N045692-01		• MW-121D-RE-0621		6/1/2021		1210		x			
		-02		• MW-157S-RE-0621		6/1/2021		1446		x			
		-03		• MW-153S-RE-0621		6/1/2021		1010		x			
		-04		• EX-36-RE-0621		6/1/2021		1058		x			
		-05		• EB-785-Q221		6/1/2021		1500		x			
Relinquished by (Signature and Printed Name): Nava Tep 6/1/21 1550		Date/Time:		Relinquished by (Signature and Printed Name): Romeo Acantada 6/1/21 1550		Date/Time:		Turn Around Time (TAT)		Special Instruction:			
Relinquished by (Signature and Printed Name): Romeo Acantada 6/1/21 1927		Date/Time:		Relinquished by (Signature and Printed Name): Romeo Acantada 6/1/21 1927		Date/Time:		TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction:			
Relinquished by (Signature and Printed Name):		Date/Time:		Relinquished by (Signature and Printed Name):		Date/Time:		TAT Starts at 8 AM the following day if samples received after 3:00PM.		Special Instruction:			
Terms 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. Less than 24 Hrs. ~200% Next Day=100% 2 Workdays=50% 3 Workdays=30 % 4 Workdays=20% 3. Custom EDD formats will be an additional 3% of the total project price. 4. For sub-contract analysis, TAT and Surcharges will vary.		6. Trip Blanks and Equipment Blanks are billable samples. 7. All laboratories are not responsible for samples collected using incorrect methodology. 8. All reports are submitted in electronic format. Please Inform ASSET Laboratories if hard copy of report is needed. 9. For sub-contract analysis, TAT and Surcharges will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O5 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pin J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can							

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/1/2021

Workorder: N045692

Rep sample Temp (Deg C): 1.1

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: GGJ *GGarcia* 6/2/2021

Reviewed By: *ABC* 6/7/2021

ASSET Laboratories

WORK ORDER Summary

07-Jun-21

WorkOrder: N045692

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 6/1/2021

Comments: Title 22 Metals- Al, Sb, As, Ba, Be, B, Ca, Cd, Co, Cr, Cu, Fe, Pb, Mg, Mn, Hg, Mo, Ni, Se, Ag, Tl, V, Zn, K, Na.

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045692-001A	MW-121D-RE-0621	6/1/2021 12:10:00 PM	6/15/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-001B			6/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-002A	MW-157S-RE-0621	6/1/2021 2:46:00 PM	6/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-002B			6/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-003A	MW-153S-RE-0621	6/1/2021 10:10:00 AM	6/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-003B			6/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-004A	EX-36-RE-0621	6/1/2021 10:58:00 AM	6/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-004B			6/15/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/15/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-005A	EB-785-Q221	6/1/2021 3:00:00 PM	6/15/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045692-006A	FOLDER	6/15/2021	6/15/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/15/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/15/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

June 09, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045693

RE: PG&E Hinkley - DOM, 30046045

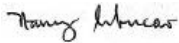
Attention: Tonya Russi

Enclosed are the results for sample(s) received on June 01, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - DOM, 30046045
Lab Order: N045693

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



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ASSET Laboratories

Date: 09-Jun-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - DOM, 30046045

Lab Order: N045693

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045693-001A	27-48-RE-0621	Groundwater	6/1/2021 12:50:00 PM	6/1/2021	6/9/2021
N045693-001B	27-48-RE-0621	Groundwater	6/1/2021 12:50:00 PM	6/1/2021	6/9/2021
N045693-002A	27-49-RE-0621	Groundwater	6/1/2021 12:40:00 PM	6/1/2021	6/9/2021
N045693-002B	27-49-RE-0621	Groundwater	6/1/2021 12:40:00 PM	6/1/2021	6/9/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 09-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045693
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N045693-001

Client Sample ID: 27-48-RE-0621
Collection Date: 6/1/2021 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210602A	QC Batch: R153226			PrepDate:		Analyst: RAB	
Hexavalent Chromium	0.41	0.025	0.20		µg/L	1	6/2/2021 11:36 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210609A	QC Batch: 87875			PrepDate:	6/3/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	6/9/2021 01:29 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 09-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045693
Project: PG&E Hinkley - DOM, 30046045
Lab ID: N045693-002

Client Sample ID: 27-49-RE-0621
Collection Date: 6/1/2021 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210602A	QC Batch: R153226			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.8	0.025	0.20		µg/L	1	6/2/2021 11:55 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210609A	QC Batch: 87875			PrepDate:	6/3/2021	Analyst: CEI	
Chromium	2.7	0.035	1.0		µg/L	1	6/9/2021 01:35 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045693
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R153226	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: PBW	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229125						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: LCS-R153226	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: LCSW	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229126						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.989	0.20	5.000	0	99.8	90	110				

Sample ID: N045693-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229132						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.441	0.20	1.000	0.4114	103	90	110				

Sample ID: N045693-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229134						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.720	0.20	1.000	2.762	95.8	90	110				

Sample ID: N045692-005AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229138						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.008	0.20	1.000	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045693
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045692-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229143						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.428	0.20	1.000	1.424	100	90	110				
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Sample ID: N045692-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229144						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.410	0.20	1.000	1.424	98.6	90	110	2.428	0.724	20	
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Sample ID: N045692-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229145						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.881	0.20						3.891	0.255	20	
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Sample ID: N045692-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229146						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	9.121	0.20	5.000	3.891	105	90	110				
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Sample ID: N045692-002AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153226						
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021	SeqNo: 4229149						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	3.203	0.20	1.000	2.135	107	90	110				
---------------------	-------	------	-------	-------	-----	----	-----	--	--	--	--

Qualifiers:

- | | | | | | |
|----|---|--------------------------------------|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | Calculations are based on raw values | | | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045693
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID: N045692-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 153226			
Client ID: ZZZZZZ	Batch ID: R153226	TestNo: EPA 218.6		Analysis Date: 6/2/2021				SeqNo: 4229150			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.215	0.20	1.000	3.163	105	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045693
Project: PG&E Hinkley - DOM, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87875	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/3/2021	RunNo: 153413						
Client ID: PBW	Batch ID: 87875	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/9/2021	SeqNo: 4237392						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0									
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Sample ID: LCS-87875	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/3/2021	RunNo: 153413						
Client ID: LCSW	Batch ID: 87875	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/9/2021	SeqNo: 4237393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	9.994	1.0	10.00	0	99.9	85	115				
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Sample ID: N045692-001B-MS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/3/2021	RunNo: 153413						
Client ID: ZZZZZZ	Batch ID: 87875	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/9/2021	SeqNo: 4237399						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.752	1.0	10.00	4.164	95.9	75	125				
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Sample ID: N045692-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/3/2021	RunNo: 153413						
Client ID: ZZZZZZ	Batch ID: 87875	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/9/2021	SeqNo: 4237400						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.671	1.0	10.00	4.164	95.1	75	125	13.75	0.590	20	
----------	--------	-----	-------	-------	------	----	-----	-------	-------	----	--

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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ARCUS02
FOLDER

R: 6/1/2021

1 of 1



Page 1 of 1

[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/1/2021

Workorder: N045693

Rep sample Temp (Deg C): 1.1

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: GGJ *GGarcia* 6/2/2021

Reviewed By: *ABC* 6/3/2021

ASSET Laboratories

WORK ORDER Summary

02-Jun-21

WorkOrder: N045693

Client ID: ARCUS02

Project: PG&E Hinkley - DOM, 30046045

QC Level: Level IV

Date Received: 6/1/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045693-001A	27-48-RE-0621	6/1/2021 12:50:00 PM	6/8/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045693-001B			6/8/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/8/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045693-002A	27-49-RE-0621	6/1/2021 12:40:00 PM	6/8/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045693-002B			6/8/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/8/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045693-003A	FOLDER	6/8/2021	6/8/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/8/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/8/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

June 16, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045714

RE: PG&E Hinkley - GMP, 30046045

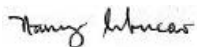
Attention: Tonya Russi

Enclosed are the results for sample(s) received on June 02, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045714

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (5.1 ug/L) and hexavalent chromium (3.5 ug/L) for sample N045714-001 (MW-184S2-RE-0621) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (5.8 ug/L) and hexavalent chromium (2.9 ug/L) for sample N045714-002 (MW-186S2-RE-0621) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (3.8 ug/L) and hexavalent chromium (2.6 ug/L) for sample N045714-008 (MW-131S1-RE-0621) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (5.1 ug/L) and hexavalent chromium (3.5 ug/L) for sample N045714-001 (MW-184S2-RE-0621) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 5.5 and 5.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (5.8 ug/L) and hexavalent chromium (2.9 ug/L) for sample N045714-002 (MW-186S2-RE-0621) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 5.9 and 6.2 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045714

CASE NARRATIVE

Because the results for total dissolved chromium (3.8 ug/L) and hexavalent chromium (2.6 ug/L) for sample N045714-008 (MW-131S1-RE-0621) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.0 and 3.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.



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ASSET Laboratories

Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - GMP, 30046045

Lab Order: N045714

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045714-001A	MW-184S2-RE-0621	Groundwater	6/2/2021 10:12:00 AM	6/2/2021	6/16/2021
N045714-001B	MW-184S2-RE-0621	Groundwater	6/2/2021 10:12:00 AM	6/2/2021	6/16/2021
N045714-002A	MW-186S2-RE-0621	Groundwater	6/2/2021 10:56:00 AM	6/2/2021	6/16/2021
N045714-002B	MW-186S2-RE-0621	Groundwater	6/2/2021 10:56:00 AM	6/2/2021	6/16/2021
N045714-003A	MW-194S1-RE-0621	Groundwater	6/2/2021 11:54:00 AM	6/2/2021	6/16/2021
N045714-003B	MW-194S1-RE-0621	Groundwater	6/2/2021 11:54:00 AM	6/2/2021	6/16/2021
N045714-004A	MW-174S1-RE-0621	Groundwater	6/2/2021 9:26:00 AM	6/2/2021	6/16/2021
N045714-004B	MW-174S1-RE-0621	Groundwater	6/2/2021 9:26:00 AM	6/2/2021	6/16/2021
N045714-005A	MW-124S1-RE-0621	Groundwater	6/2/2021 8:16:00 AM	6/2/2021	6/16/2021
N045714-005B	MW-124S1-RE-0621	Groundwater	6/2/2021 8:16:00 AM	6/2/2021	6/16/2021
N045714-006A	MW-123S2-RE-0621	Groundwater	6/2/2021 1:32:00 PM	6/2/2021	6/16/2021
N045714-006B	MW-123S2-RE-0621	Groundwater	6/2/2021 1:32:00 PM	6/2/2021	6/16/2021
N045714-007A	MW-126S2-RE-0621	Groundwater	6/2/2021 2:18:00 PM	6/2/2021	6/16/2021
N045714-007B	MW-126S2-RE-0621	Groundwater	6/2/2021 2:18:00 PM	6/2/2021	6/16/2021
N045714-008A	MW-131S1-RE-0621	Groundwater	6/2/2021 12:44:00 PM	6/2/2021	6/16/2021
N045714-008B	MW-131S1-RE-0621	Groundwater	6/2/2021 12:44:00 PM	6/2/2021	6/16/2021
N045714-009A	EB-786-Q221	Groundwater	6/2/2021 2:45:00 PM	6/2/2021	6/16/2021

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-001

Client Sample ID: MW-184S2-RE-0621
Collection Date: 6/2/2021 10:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210603A	QC Batch: R153263			PrepDate:		Analyst: RAB	
Hexavalent Chromium	3.5	0.025	0.20		µg/L	1	6/3/2021 11:09 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210609A	QC Batch: 87875			PrepDate:	6/3/2021	Analyst: CEI	
Chromium	5.1	0.035	1.0		µg/L	1	6/9/2021 02:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-002

Client Sample ID: MW-186S2-RE-0621
Collection Date: 6/2/2021 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210603A	QC Batch: R153263		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.9	0.025	0.20		µg/L	1	6/3/2021 11:18 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210609A	QC Batch: 87875		PrepDate:		6/3/2021	Analyst: CEI	
Chromium	5.8	0.035	1.0		µg/L	1	6/9/2021 02:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-003

Client Sample ID: MW-194S1-RE-0621
Collection Date: 6/2/2021 11:54:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210603A	QC Batch: R153263			PrepDate:		Analyst: RAB	
Hexavalent Chromium	4.2	0.025	0.20		µg/L	1	6/3/2021 11:27 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210609A	QC Batch: 87875			PrepDate:	6/3/2021	Analyst: CEI	
Chromium	4.8	0.035	1.0		µg/L	1	6/9/2021 02:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-004

Client Sample ID: MW-174S1-RE-0621
Collection Date: 6/2/2021 9:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210603A	QC Batch: R153263		PrepDate:		Analyst: RAB		
Hexavalent Chromium	3.4	0.025	0.20		µg/L	1	6/3/2021 11:37 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP8_210609A	QC Batch: 87875		PrepDate:		Analyst: CEI		
Chromium	4.1	0.035	1.0		µg/L	1	6/9/2021 02:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-005

Client Sample ID: MW-124S1-RE-0621
Collection Date: 6/2/2021 8:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210603A	QC Batch: R153263		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.3	0.025	0.20		µg/L	1	6/3/2021 01:40 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210609A	QC Batch: 87875		PrepDate:		6/3/2021	Analyst: CEI	
Chromium	2.6	0.035	1.0		µg/L	1	6/9/2021 03:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-006

Client Sample ID: MW-123S2-RE-0621
Collection Date: 6/2/2021 1:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210603A	QC Batch: R153263		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.0	0.025	0.20		µg/L	1	6/3/2021 11:56 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210609A	QC Batch: 87875		PrepDate:		6/3/2021	Analyst: CEI	
Chromium	2.6	0.035	1.0		µg/L	1	6/9/2021 03:10 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-007

Client Sample ID: MW-126S2-RE-0621
Collection Date: 6/2/2021 2:18:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210603A	QC Batch: R153263			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.6	0.025	0.20		µg/L	1	6/3/2021 12:05 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP8_210609A	QC Batch: 87875			PrepDate:	6/3/2021	Analyst: CEI	
Chromium	2.3	0.035	1.0		µg/L	1	6/9/2021 03:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-008

Client Sample ID: MW-131S1-RE-0621
Collection Date: 6/2/2021 12:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210603A	QC Batch: R153263		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.6	0.025	0.20		µg/L	1	6/3/2021 12:15 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A				EPA 6020			
RunID: NV00922-ICP8_210609A	QC Batch: 87875		PrepDate:		6/3/2021	Analyst: CEI	
Chromium	3.8	0.035	1.0		µg/L	1	6/9/2021 03:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 16-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045714
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045714-009

Client Sample ID: EB-786-Q221
Collection Date: 6/2/2021 2:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210603A	QC Batch: R153263	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			6/3/2021 12:43 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045714
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R153263	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153263
Client ID: PBW	Batch ID: R153263	TestNo: EPA 218.6		Analysis Date: 6/3/2021	SeqNo: 4230174
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R153263	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153263
Client ID: LCSW	Batch ID: R153263	TestNo: EPA 218.6		Analysis Date: 6/3/2021	SeqNo: 4230175
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.812	0.20	5.000	0	96.2 90 110

Sample ID N045717-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153263
Client ID: ZZZZZ	Batch ID: R153263	TestNo: EPA 218.6		Analysis Date: 6/3/2021	SeqNo: 4230187
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	640.760	10	250.0	387.1	101 90 110

Sample ID N045714-003AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153263
Client ID: ZZZZZ	Batch ID: R153263	TestNo: EPA 218.6		Analysis Date: 6/3/2021	SeqNo: 4230188
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	9.479	0.20	5.000	4.225	105 90 110

Sample ID N045714-003AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153263
Client ID: ZZZZZ	Batch ID: R153263	TestNo: EPA 218.6		Analysis Date: 6/3/2021	SeqNo: 4230189
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	9.461	0.20	5.000	4.225	105 90 110 9.479 0.188 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045714
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 218.6_WPGE

Sample ID	N045714-002ADUP	SampType:	DUP	TestCode:	218.6_WPGE	Units:	µg/L	Prep Date:		RunNo:	153263			
Client ID:	ZZZZZZ	Batch ID:	R153263	TestNo:	EPA 218.6			Analysis Date:	6/3/2021	SeqNo:	4230190			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium		2.954		0.20							2.941	0.444	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045714
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87875	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/3/2021	RunNo:	153413			
Client ID:	PBW	Batch ID:	87875	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/9/2021	SeqNo:	4237392			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0									
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Sample ID	LCS-87875	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/3/2021	RunNo:	153413			
Client ID:	LCSW	Batch ID:	87875	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/9/2021	SeqNo:	4237393			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	9.994	1.0	10.00	0	99.9	85	115				
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Sample ID	N045692-001B-MS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/3/2021	RunNo:	153413		
Client ID:	ZZZZZZ	Batch ID:	87875	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/9/2021	SeqNo:	4237399		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.752	1.0	10.00	4.164	95.9	75	125				
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Sample ID	N045692-001B-MSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/3/2021	RunNo: 153413					
Client ID: ZZZZZZ	Batch ID: 87875	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/9/2021	SeqNo: 4237400						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	13.671	1.0	10.00	4.164	95.1	75	125	13.75	0.590	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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Page 1 of 1

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[illegible]

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Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.


Cooler Received/Opened On: 6/2/2021 Workorder: N045714
 Rep sample Temp (Deg C): 4.1 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: GGJ *GGarcia* 6/3/2021

Reviewed By:  6/10/2021

ASSET Laboratories

WORK ORDER Summary

10-Jun-21

WorkOrder: N045714

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 6/2/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045714-001A	MW-184S2-RE-0621	6/2/2021 10:12:00 AM	6/16/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-001B			6/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-002A	MW-186S2-RE-0621	6/2/2021 10:56:00 AM	6/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-002B			6/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-003A	MW-194S1-RE-0621	6/2/2021 11:54:00 AM	6/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-003B			6/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-004A	MW-174S1-RE-0621	6/2/2021 9:26:00 AM	6/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-004B			6/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-005A	MW-124S1-RE-0621	6/2/2021 8:16:00 AM	6/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-005B			6/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-006A	MW-123S2-RE-0621	6/2/2021 1:32:00 PM	6/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-006B			6/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-007A	MW-126S2-RE-0621	6/2/2021 2:18:00 PM	6/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-007B			6/16/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-008A	MW-131S1-RE-0621	6/2/2021 12:44:00 PM	6/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

ASSET Laboratories

WORK ORDER Summary

10-Jun-21

WorkOrder: N045714

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 6/2/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045714-008B	MW-131S1-RE-0621	6/2/2021 12:44:00 PM	6/16/2021	Groundwater	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/16/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-009A	EB-786-Q221	6/2/2021 2:45:00 PM	6/16/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045714-010A	FOLDER	6/16/2021	6/16/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/16/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/16/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

June 17, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045743

RE: PG&E Hinkley - ATU, 30046045

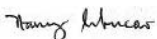
Attention: Tonya Russi

Enclosed are the results for sample(s) received on June 03, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - ATU, 30046045
Lab Order: N045743

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Gross Alpha/Beta was subcontracted to Pace Analytical- Greensburg, PA.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N045649-002CMS and N045649-002CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California

Project: PG&E Hinkley - ATU, 30046045

Lab Order: N045743

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045743-001A	MW-83S-RE-0621	Groundwater	6/3/2021 8:30:00 AM	6/3/2021	6/17/2021
N045743-001B	MW-83S-RE-0621	Groundwater	6/3/2021 8:30:00 AM	6/3/2021	6/17/2021
N045743-001C	MW-83S-RE-0621	Groundwater	6/3/2021 8:30:00 AM	6/3/2021	6/17/2021
N045743-001D	MW-83S-RE-0621	Groundwater	6/3/2021 8:30:00 AM	6/3/2021	6/17/2021
N045743-001E	MW-83S-RE-0621	Groundwater	6/3/2021 8:30:00 AM	6/3/2021	6/17/2021



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045743
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045743-001

Client Sample ID: MW-83S-RE-0621
Collection Date: 6/3/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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TOTAL FILTERABLE RESIDUE
SM2540C

RunID: NV00922-WC_210604G	QC Batch: 87907			PrepDate: 6/4/2021		Analyst: LR
Total Dissolved Solids (Residue, Filterable)	3500	33	33	mg/L	1	6/4/2021 12:25 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045743
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 160.1_2540C_W**

Sample ID	LCS-87907	SampType:	LCS	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	6/4/2021	RunNo:	153319			
Client ID:	LCSW	Batch ID:	87907	TestNo:	SM2540C			Analysis Date:	6/4/2021	SeqNo:	4233524			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		968.000		10	1000	0		96.8	80	120				

Sample ID	MB-87907	SampType:	MBLK	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	6/4/2021	RunNo:	153319			
Client ID:	PBW	Batch ID:	87907	TestNo:	SM2540C			Analysis Date:	6/4/2021	SeqNo:	4233525			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		ND		10										

Sample ID	N045736-002ADUP	SampType:	DUP	TestCode:	160.1_2540C	Units:	mg/L	Prep Date:	6/4/2021	RunNo:	153319			
Client ID:	ZZZZZZ	Batch ID:	87907	TestNo:	SM2540C			Analysis Date:	6/4/2021	SeqNo:	4233527			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera		4960.000		50							4915	0.911	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045743
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045743-001

Client Sample ID: MW-83S-RE-0621
Collection Date: 6/3/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DISSOLVED METALS BY ICP-MS
EPA 200.8

RunID: NV00922-ICP7_210615D	QC Batch: 87953	PrepDate: 6/9/2021	Analyst: CEI
Uranium	74 0.024 0.67	pCi/L	1 6/16/2021 02:32 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045743
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 200.8DIS_U_PGE**

Sample ID	MB-87953	SampType:	MBLK	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	6/9/2021	RunNo:	153610		
Client ID:	PBW	Batch ID:	87953	TestNo:	EPA 200.8			Analysis Date:	6/16/2021	SeqNo:	4246504		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		ND		0.67									

Sample ID	LCS-87953	SampType:	LCS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	6/9/2021	RunNo:	153610		
Client ID:	LCSW	Batch ID:	87953	TestNo:	EPA 200.8			Analysis Date:	6/16/2021	SeqNo:	4246505		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		6.927		0.67	6.700	0	103	85	115				

Sample ID	N045717-001B-MS	SampType:	MS	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	6/9/2021	RunNo:	153610		
Client ID:	ZZZZZZ	Batch ID:	87953	TestNo:	EPA 200.8			Analysis Date:	6/16/2021	SeqNo:	4246517		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		10.110		0.67	6.700	2.940	107	75	125				

Sample ID	N045717-001B-MSD	SampType:	MSD	TestCode:	200.8DIS_U_	Units:	pCi/L	Prep Date:	6/9/2021	RunNo:	153610		
Client ID:	ZZZZZZ	Batch ID:	87953	TestNo:	EPA 200.8			Analysis Date:	6/16/2021	SeqNo:	4246519		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium		10.171		0.67	6.700	2.940	108	75	125	10.11	0.602	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045743
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045743-001

Client Sample ID: MW-83S-RE-0621
Collection Date: 6/3/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210604A	QC Batch: R153296		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.9	0.025	0.20		µg/L	1	6/4/2021 09:40 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210616A	QC Batch: 87951		PrepDate:		Analyst: CEI		
Chromium	5.7	0.035	1.0		µg/L	1	6/16/2021 04:11 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045743
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID MB-R153296	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: PBW	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232290
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID LCS-R153296	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: LCSW	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232291
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.045	0.20	5.000	0	101 90 110

Sample ID N045744-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: ZZZZZ	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232303
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.187	0.20	1.000	0.1450	104 90 110

Sample ID N045744-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: ZZZZZ	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232304
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.188	0.20	1.000	0.1450	104 90 110 1.187 0.0842 20

Sample ID N045743-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: ZZZZZ	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232305
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.900	0.20			4.942 0.851 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045743
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87951	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/9/2021	RunNo:	153629			
Client ID:	PBW	Batch ID:	87951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/16/2021	SeqNo:	4247564			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	1.0												
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Sample ID	LCS-87951	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/9/2021	RunNo:	153629			
Client ID:	LCSW	Batch ID:	87951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/16/2021	SeqNo:	4247565			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	10.021	1.0	10.00	0	100	85	115							
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Sample ID	N045649-002CMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/9/2021	RunNo:	153629			
Client ID:	ZZZZZZ	Batch ID:	87951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/16/2021	SeqNo:	4247570			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	528.750	5.0	10.00	493.7	351	75	125							S
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Sample ID	N045649-002CMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/9/2021	RunNo: 153629					
Client ID: ZZZZZZ	Batch ID: 87951	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/16/2021	SeqNo: 4247571						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	527.312	5.0	10.00	493.7	336	75	125	528.7	0.272	20	S			
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045743
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID	N045649-002C-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	153629
Client ID:	ZZZZZZ	Batch ID:	87951	TestNo:	EPA 6020		EPA 3010A	Analysis Date:	6/16/2021	SeqNo:	4247569
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chromium		510.683		5.0	10.00	493.7	170	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045743
Project: PG&E Hinkley - ATU, 30046045
Lab ID: N045743-001

Client Sample ID: MW-83S-RE-0621
Collection Date: 6/3/2021 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY
EPA 300.0

RunID: NV00922-IC8_210604A	QC Batch: R153323	PrepDate:	Analyst: RAB
Nitrate as N	45 0.48	2.5 mg/L	50 6/4/2021 09:35 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045743
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 300WLLNO3PGE**

Sample ID	MB-R153323_NO3	SampType:	MBLK	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	153323		
Client ID:	PBW	Batch ID:	R153323	TestNo:	EPA 300.0			Analysis Date:	6/4/2021	SeqNo:	4233793		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N ND 0.050

Sample ID	LCS-R153323_NO3	SampType:	LCS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	153323			
Client ID:	LCSSW	Batch ID:	R153323	TestNo:	EPA 300.0			Analysis Date:	6/4/2021	SeqNo:	4233794			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.261 0.050 1.250 0 101 90 110

Sample ID	LCSD-R153323_NO3	SampType:	LCSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	153323			
Client ID:	LCSS02	Batch ID:	R153323	TestNo:	EPA 300.0			Analysis Date:	6/4/2021	SeqNo:	4233795			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 1.252 0.050 1.250 0 100 90 110 1.261 0.740 20

Sample ID	N045743-001BMS	SampType:	MS	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	153323		
Client ID:	ZZZZZ	Batch ID:	R153323	TestNo:	EPA 300.0			Analysis Date:	6/4/2021	SeqNo:	4233797		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 110.985 2.5 62.50 44.88 106 80 120

Sample ID	N045743-001BMSD	SampType:	MSD	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	153323		
Client ID:	ZZZZZZ	Batch ID:	R153323	TestNo:	EPA 300.0			Analysis Date:	6/4/2021	SeqNo:	4233798		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate as N 109.930 2.5 62.50 44.88 104 80 120 111.0 0.955 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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 ORELAP/NELAP Cert 4046

CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045743
Project: PG&E Hinkley - ATU, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 300WLLNO3PGE

Sample ID	N045743-001BDUP	SampType:	DUP	TestCode:	300WLLNO3	Units:	mg/L	Prep Date:		RunNo:	153323		
Client ID:	ZZZZZZ	Batch ID:	R153323	TestNo:	EPA 300.0			Analysis Date:	6/4/2021	SeqNo:	4233799		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate as N		46.590		2.5						44.88	3.74	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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Contact us:

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California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

[illegible]

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/3/2021

Workorder: N045743

Rep sample Temp (Deg C): 3.6

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: GGJ *GGarcia* 6/4/2021

Reviewed By:

MBC

6/8/2021

ASSET Laboratories

WORK ORDER Summary

04-Jun-21

WorkOrder: N045743

Client ID: ARCUS02

Project: PG&E Hinkley - ATU, 30046045

QC Level: Level IV

Date Received: 6/3/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045743-001A	MW-83S-RE-0621	6/3/2021 8:30:00 AM	6/17/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045743-001B			6/17/2021		EPA 300.0	ANIONS BY ION CHROMATOGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045743-001C			6/17/2021		SM2540C	TOTAL FILTERABLE RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021			Total Dissolved Solids Prep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045743-001D			6/17/2021		EPA 900.0	Gross Alpha/Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N045743-001E			6/17/2021			AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 200.8	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045743-002A	FOLDER	6/17/2021	6/17/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/17/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/17/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

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FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: Level IV**Subcontractor:**Pace Analytical
1638 Roseytown Rd - Suite 2
Greensburg, PA 15601TEL: 724.850.5600
FAX: 724.850.5601
Acct #:

Field Sampler: Nana Tep

07-Jun-21

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 900.0		
N045743-001D / MW-83S-RE-0621	Groundwater	6/3/2021 8:30:00 AM	32OZP	1		

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N45743A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT

Please analyze for Gross Alpha/Beta by EPA 900. EDD requirement Labspec7 edata.

Fedex #: 773928597708

	Date/Time		Date/Time
Relinquished by: <u>GGarcia</u>	<u>6/7/2021 16:30</u>	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

June 22, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045744

RE: PG&E Hinkley - GMP, 30046045

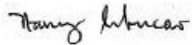
Attention: Tonya Russi

Enclosed are the results for sample(s) received on June 03, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045744

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (4.2 ug/L) and hexavalent chromium (3.0 ug/L) for sample N045744-003 (MW-128S2-RE-0621) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (4.2 ug/L) and hexavalent chromium (3.0 ug/L) for sample N045744-003 (MW-128S2-RE-0621) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.2 and 3.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N045649-002CMS and N045649-002CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N045744**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045744-001A	MW-105S-RE-0621	Groundwater	6/3/2021 1:52:00 PM	6/3/2021	6/22/2021
N045744-001B	MW-105S-RE-0621	Groundwater	6/3/2021 1:52:00 PM	6/3/2021	6/22/2021
N045744-002A	MW-110S-RE-0621	Groundwater	6/3/2021 1:12:00 PM	6/3/2021	6/22/2021
N045744-002B	MW-110S-RE-0621	Groundwater	6/3/2021 1:12:00 PM	6/3/2021	6/22/2021
N045744-003A	MW-128S2-RE-0621	Groundwater	6/3/2021 2:32:00 PM	6/3/2021	6/22/2021
N045744-003B	MW-128S2-RE-0621	Groundwater	6/3/2021 2:32:00 PM	6/3/2021	6/22/2021
N045744-004A	MW-90C-RE-0621	Groundwater	6/3/2021 10:48:00 AM	6/3/2021	6/22/2021
N045744-004B	MW-90C-RE-0621	Groundwater	6/3/2021 10:48:00 AM	6/3/2021	6/22/2021
N045744-005A	MW-172S1-RE-0621	Groundwater	6/3/2021 3:16:00 PM	6/3/2021	6/22/2021
N045744-005B	MW-172S1-RE-0621	Groundwater	6/3/2021 3:16:00 PM	6/3/2021	6/22/2021
N045744-006A	MW-50B-RE-0621	Groundwater	6/3/2021 9:32:00 AM	6/3/2021	6/22/2021
N045744-006B	MW-50B-RE-0621	Groundwater	6/3/2021 9:32:00 AM	6/3/2021	6/22/2021
N045744-007A	EX-03-RE-0621	Groundwater	6/3/2021 12:20:00 PM	6/3/2021	6/22/2021
N045744-007B	EX-03-RE-0621	Groundwater	6/3/2021 12:20:00 PM	6/3/2021	6/22/2021
N045744-008A	EB-787-Q221	Groundwater	6/3/2021 3:30:00 PM	6/3/2021	6/22/2021

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045744
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045744-001

Client Sample ID: MW-105S-RE-0621
Collection Date: 6/3/2021 1:52:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210604A	QC Batch: R153296			PrepDate:		Analyst: RAB	
Hexavalent Chromium	2.7	0.025	0.20		µg/L	1	6/4/2021 09:51 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210616A	QC Batch: 87951			PrepDate:	6/9/2021	Analyst: CEI	
Chromium	3.4	0.035	1.0		µg/L	1	6/16/2021 04:35 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045744
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045744-002

Client Sample ID: MW-110S-RE-0621
Collection Date: 6/3/2021 1:12:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210604A	QC Batch: R153296			PrepDate:		Analyst: RAB	
Hexavalent Chromium	3.0	0.025	0.20		µg/L	1	6/4/2021 10:01 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210616A	QC Batch: 87951			PrepDate:	6/9/2021	Analyst: CEI	
Chromium	3.2	0.035	1.0		µg/L	1	6/16/2021 04:41 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045744
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045744-003

Client Sample ID: MW-128S2-RE-0621
Collection Date: 6/3/2021 2:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210604A	QC Batch: R153296			PrepDate:		Analyst: RAB	
Hexavalent Chromium	3.0	0.025	0.20		µg/L	1	6/4/2021 10:10 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210616A	QC Batch: 87951			PrepDate:	6/9/2021	Analyst: CEI	
Chromium	4.2	0.035	1.0		µg/L	1	6/16/2021 04:47 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
Print Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045744
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045744-004

Client Sample ID: MW-90C-RE-0621
Collection Date: 6/3/2021 10:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210604A	QC Batch: R153296	PrepDate: Analyst: RAB					
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	6/4/2021 10:20 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A EPA 6020							
RunID: NV00922-ICP7_210618B	QC Batch: 87951	PrepDate: 6/9/2021 Analyst: CEI					
Chromium	ND	0.035	1.0		µg/L	1	6/18/2021 11:51 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045744
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045744-005

Client Sample ID: MW-172S1-RE-0621
Collection Date: 6/3/2021 3:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210604A	QC Batch: R153296		PrepDate:		Analyst: RAB		
Hexavalent Chromium	2.5	0.025	0.20		µg/L	1	6/4/2021 10:29 AM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210616A	QC Batch: 87951		PrepDate:		Analyst: CEI		
Chromium	2.6	0.035	1.0		µg/L	1	6/16/2021 04:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045744
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045744-006

Client Sample ID: MW-50B-RE-0621
Collection Date: 6/3/2021 9:32:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210604A	QC Batch: R153296			PrepDate:		Analyst: RAB	
Hexavalent Chromium	5.2	0.025	0.20		µg/L	1	6/4/2021 10:39 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210616A	QC Batch: 87951			PrepDate:	6/9/2021	Analyst: CEI	
Chromium	5.4	0.035	1.0		µg/L	1	6/16/2021 05:05 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045744
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045744-007

Client Sample ID: EX-03-RE-0621
Collection Date: 6/3/2021 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210604A	QC Batch: R153296			PrepDate:		Analyst: RAB	
Hexavalent Chromium	ND	0.025	0.20		µg/L	1	6/4/2021 10:48 AM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210618B	QC Batch: 87951			PrepDate:	6/9/2021	Analyst: CEI	
Chromium	ND	0.035	1.0		µg/L	1	6/18/2021 11:57 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 22-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045744
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045744-008

Client Sample ID: EB-787-Q221
Collection Date: 6/3/2021 3:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210604A	QC Batch: R153296	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			6/4/2021 11:17 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045744
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID: MB-R153296	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: PBW	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232290
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	ND	0.20			

Sample ID: LCS-R153296	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: LCSW	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232291
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	5.045	0.20	5.000	0	101 90 110

Sample ID: N045744-004AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: ZZZZZ	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232303
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.187	0.20	1.000	0.1450	104 90 110

Sample ID: N045744-004AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: ZZZZZ	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232304
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	1.188	0.20	1.000	0.1450	104 90 110 1.187 0.0842 20

Sample ID: N045743-001ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:	RunNo: 153296
Client ID: ZZZZZ	Batch ID: R153296	TestNo: EPA 218.6		Analysis Date: 6/4/2021	SeqNo: 4232305
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Hexavalent Chromium	4.900	0.20			4.942 0.851 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045744
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID: MB-87951	SampType: MBLK	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/9/2021	RunNo: 153629
Client ID: PBW	Batch ID: 87951	TestNo: EPA 6020 EPA 3010A		Analysis Date: 6/16/2021	SeqNo: 4247564
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium ND 1.0

Sample ID: LCS-87951	SampType: LCS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/9/2021	RunNo: 153629
Client ID: LCSW	Batch ID: 87951	TestNo: EPA 6020 EPA 3010A		Analysis Date: 6/16/2021	SeqNo: 4247565
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 10.021 1.0 10.00 0 100 85 115

Sample ID: N045649-002CMS	SampType: MS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/9/2021	RunNo: 153629
Client ID: ZZZZZZ	Batch ID: 87951	TestNo: EPA 6020 EPA 3010A		Analysis Date: 6/16/2021	SeqNo: 4247570
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 528.750 5.0 10.00 493.7 351 75 125 S

Sample ID: N045649-002CMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/9/2021	RunNo: 153629
Client ID: ZZZZZZ	Batch ID: 87951	TestNo: EPA 6020 EPA 3010A		Analysis Date: 6/16/2021	SeqNo: 4247571
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium 527.312 5.0 10.00 493.7 336 75 125 528.7 0.272 20 S

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045744
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID: N045649-002C-PS	SampType: PS	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date:	RunNo: 153629						
Client ID: ZZZZZZ	Batch ID: 87951	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/16/2021	SeqNo: 4247569						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	510.683	5.0	10.00	493.7	170	80	120				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

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Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Report to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		Excel EDD Geotracker Labspec Others		EED Requirement RTNE RWQCB CalTrans LEVEL III		QA/QC LEVEL IV Regulatory		Sample Receipt Condition 1. Chilled 2. Headspace 3. Container Intact 4. Seal Present 5. IR number 6. Method of Cooling:					
Phone: 1 916 865 3168 Fax: 1 916 865 3168		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Email to: lisa.kellogg@arcadis.com Phone: 951.677.0577		P.O.#		Fax:		Specify: EQ EDD		Specify State:		Global ID:					
Submitted By: <i>Nana Tay</i> Title: <i>sample tech</i>		Phone: 1 916 865 3168 Fax:		Matrix		Ground-water		x		Sediment		Potable		Soil					
Signature: <i>[Signature]</i> Date: <i>6/3/21</i> <i>I hereby authorize ASSET Labs to perform the tests indicated below.</i>		Sampled By: <i>Nana Tay</i> <i>I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.</i>		NPDES		Other		Solid		Surface		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly		Anions (E300.0) NO3N; 4°C; 1000ml Poly					
Project Name: PG&E Hinkley - GMP		Project Number: 30046045		Sample Date		Sample Time		Others		Ortho-Phosphate (E300.0); 4°C; 1000ml Poly		TDS (SM2540C); 4°C; 1000ml Poly		Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly					
Item No.		Laboratory Work Order No.		Sample ID/Location		Sample Date		Sample Time		Others		TOC (SM5310) H2SO4, 4°C		Metals Dissolved (6020AFF) As, HNO3, 4°C; 500 ml Poly					
N045744-01		- MW-105S-RE-0621		6/3/2021		1352		x		Cr(VI) (E218.6) (NH4)2 SO4, NH4, OH, 4°C, 250 ml Poly		Metals Dissolved (6010BDIs) Fe; HNO3, 4°C; 500 ml Poly		Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly					
-02		- MW-110S-RE-0621		6/3/2021		1312		x		Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly		Uranium (E200.8F) HNO3, 4°C; 500 ml Poly		TPH-D (8015B) 3x1 Liter Amber Glass, 4°C					
-03		- MW-128S2-RE-0621		6/3/2021		1432		x		TPH-D (8015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (8015B) 3x1 Liter Amber Glass, 4°C		TPH-Extractables Motor Oil (8015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C					
-04		- MW-90C-RE-0621		6/3/2021		1048		x		TOC (SM5310) H2SO4, 4°C		Anions (E300.0) SO4; 4°C; 1000ml Poly		Turn Around Time					
-05		- MW-172S1-RE-0621		6/3/2021		1516		x		TPH-D (8015B) 3x1 Liter Amber Glass, 4°C		No. of Container		Remarks					
-06		- MW-50B-RE-0621		6/3/2021		0932		x		TPH-D (8015B) 3x1 Liter Amber Glass, 4°C		1		2					
-07		- EX-03-RE-0621		6/3/2021		1220		x		TPH-D (8015B) 3x1 Liter Amber Glass, 4°C		2		3					
-08		- EB-787-Q221		6/3/2021		1530		x		TPH-D (8015B) 3x1 Liter Amber Glass, 4°C		3		4					
Relinquished by (Signature and Printed Name): <i>Nana Tay</i>		Date/Time: <i>6/3/21 1545</i>		Relinquished by (Signature and Printed Name): <i>Jordan</i>		Date/Time: <i>6/3/21 1545</i>		Date/Time: <i>6/3/21 1545</i>		Turn Around Time (TAT)		Special Instruction:							
Relinquished by (Signature and Printed Name): <i>Jordan</i>		Date/Time: <i>6/3/21 1545</i>		Relinquished by (Signature and Printed Name): <i>Jordan</i>		Date/Time: <i>6/3/21 1545</i>		Date/Time: <i>6/3/21 1545</i>		A < 24 Hrs or Same Day TAT									
Relinquished by (Signature and Printed Name): <i>Jordan</i>		Date/Time: <i>6/3/21 1545</i>		Relinquished by (Signature and Printed Name): <i>Jordan</i>		Date/Time: <i>6/3/21 1545</i>		Date/Time: <i>6/3/21 1545</i>		B = Next Workday									
										C = 2 Workdays									
										D = 3 Workdays									
										E = Routine 5-7 Workdays									
										TAT Starts at 8 AM the following day if samples received after 3:00PM.									
Terms		1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.		2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis		Less than 24 Hrs. >200% Next Day=100% 2 Workdays=50% 3 Workdays=35% 4 Workdays=20%		3. Custom EDD formats will be an additional 3% of the total project price.		5. Trip Blanks and Equipment Blanks are billable samples.		6. Asset Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 days.		8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		9. For subcontract analysis, TAT and Surcharges will vary.	
Preservatives:		H=HCL		N=HNO3		S=H2SO4		C=4°C		Container Type:		T=Tube		V=VOA		P=Pin			
Z=Zn(AC)2		O=NaOH		T=Na2S2O3						J=Jar		B=Tedlar		G=Glass					
Others/Specify:		B		(NH4)2SO4/NH4OH						M=Metal		M=Metal		C=Can					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/3/2021 Workorder: N045744
 Rep sample Temp (Deg C): 3.6 IR Gun ID: 2
 Temp Blank: ☒ Yes ☐ No
 Carrier name: ASSET
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:

Checklist Completed By: GGJ *GGarcia* 6/4/2021

Reviewed By: *ABC* 6/8/2021

ASSET Laboratories

WORK ORDER Summary

08-Jun-21

WorkOrder: N045744

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

Date Received: 6/3/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045744-001A	MW-105S-RE-0621	6/3/2021 1:52:00 PM	6/17/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-001B			6/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-002A	MW-110S-RE-0621	6/3/2021 1:12:00 PM	6/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-002B			6/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-003A	MW-128S2-RE-0621	6/3/2021 2:32:00 PM	6/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-003B			6/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-004A	MW-90C-RE-0621	6/3/2021 10:48:00 AM	6/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-004B			6/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-005A	MW-172S1-RE-0621	6/3/2021 3:16:00 PM	6/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-005B			6/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-006A	MW-50B-RE-0621	6/3/2021 9:32:00 AM	6/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-006B			6/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-007A	EX-03-RE-0621	6/3/2021 12:20:00 PM	6/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-007B			6/17/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/17/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045744-008A	EB-787-Q221	6/3/2021 3:30:00 PM	6/17/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

WORK ORDER Summary

08-Jun-21

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

WorkOrder: N045744

Date Received: 6/3/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045744-009A	FOLDER	6/17/2021	6/17/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/17/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/17/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

June 17, 2021

Tonya Russi
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661
TEL: (916) 786-3302
FAX:

Workorder No.: N045761

RE: PG&E Hinkley - GMP, 30046045

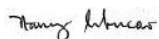
Attention: Tonya Russi

Enclosed are the results for sample(s) received on June 04, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

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CLIENT: ARCADIS U.S., Inc. - California
Project: PG&E Hinkley - GMP, 30046045
Lab Order: N045761

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC samples N045649-002CMS and N045649-002CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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ASSET Laboratories

Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California**Project:** PG&E Hinkley - GMP, 30046045**Lab Order:** N045761**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N045761-001A	MW-74D-RE-0621	Groundwater	6/4/2021 9:18:00 AM	6/4/2021	6/17/2021
N045761-001B	MW-74D-RE-0621	Groundwater	6/4/2021 9:18:00 AM	6/4/2021	6/17/2021
N045761-002A	MW-202S-RE-0621	Groundwater	6/4/2021 9:51:00 AM	6/4/2021	6/17/2021
N045761-002B	MW-202S-RE-0621	Groundwater	6/4/2021 9:51:00 AM	6/4/2021	6/17/2021
N045761-003A	EB-788-Q221	Groundwater	6/4/2021 9:30:00 AM	6/4/2021	6/17/2021

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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045761
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045761-001

Client Sample ID: MW-74D-RE-0621
Collection Date: 6/4/2021 9:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
				EPA 218.6			
RunID: NV00922-IC7_210607A	QC Batch: R153350		PrepDate:		Analyst: RAB		
Hexavalent Chromium	4.2	0.025	0.20		µg/L	1	6/7/2021 12:09 PM
DISSOLVED METALS BY ICP-MS							
				EPA 3010A			
				EPA 6020			
RunID: NV00922-ICP7_210616A	QC Batch: 87951		PrepDate:		Analyst: CEI		
Chromium	4.7	0.035	1.0		µg/L	1	6/16/2021 05:16 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045761
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045761-002

Client Sample ID: MW-202S-RE-0621
Collection Date: 6/4/2021 9:51:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
EPA 218.6							
RunID: NV00922-IC7_210607A	QC Batch: R153350			PrepDate:		Analyst: RAB	
Hexavalent Chromium	1.5	0.025	0.20		µg/L	1	6/7/2021 12:18 PM
DISSOLVED METALS BY ICP-MS							
EPA 3010A							
EPA 6020							
RunID: NV00922-ICP7_210616A	QC Batch: 87951			PrepDate:	6/9/2021	Analyst: CEI	
Chromium	1.7	0.035	1.0		µg/L	1	6/16/2021 05:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories
ANALYTICAL RESULTS
Print Date: 17-Jun-21

CLIENT: ARCADIS U.S., Inc. - California
Lab Order: N045761
Project: PG&E Hinkley - GMP, 30046045
Lab ID: N045761-003

Client Sample ID: EB-788-Q221
Collection Date: 6/4/2021 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC
EPA 218.6

RunID: NV00922-IC7_210607A	QC Batch: R153350	PrepDate:	Analyst: RAB
Hexavalent Chromium	ND	0.025	0.20
		µg/L	1
			6/7/2021 12:28 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045761
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 218.6_WPGE**

Sample ID	LCS-R153350	SampType: LCS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 153350		
Client ID:	LCSW	Batch ID: R153350	TestNo: EPA 218.6	Analysis Date: 6/7/2021				SeqNo: 4234554			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.113	0.20	5.000	0	102	90	110				

Sample ID	MB-R153350	SampType: MBLK	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 153350		
Client ID:	PBW	Batch ID: R153350	TestNo: EPA 218.6	Analysis Date: 6/7/2021				SeqNo: 4234555			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID	N045761-001AMS	SampType: MS	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 153350		
Client ID:	ZZZZZZ	Batch ID: R153350	TestNo: EPA 218.6	Analysis Date: 6/7/2021				SeqNo: 4234561			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	9.512	0.20	5.000	4.204	106	90	110				

Sample ID	N045761-001AMSD	SampType: MSD	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 153350		
Client ID:	ZZZZZZ	Batch ID: R153350	TestNo: EPA 218.6	Analysis Date: 6/7/2021				SeqNo: 4234562			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	9.521	0.20	5.000	4.204	106	90	110	9.512	0.0904	20	

Sample ID	N045761-002ADUP	SampType: DUP	TestCode: 218.6_WPGE	Units: µg/L	Prep Date:				RunNo: 153350		
Client ID:	ZZZZZZ	Batch ID: R153350	TestNo: EPA 218.6	Analysis Date: 6/7/2021				SeqNo: 4234565			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.504	0.20						1.478	1.72	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			


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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045761
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020DIS_CrPGE

Sample ID	MB-87951	SampType:	MBLK	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/9/2021	RunNo:	153629		
Client ID:	PBW	Batch ID:	87951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/16/2021	SeqNo:	4247564		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium ND 1.0

Sample ID	LCS-87951	SampType:	LCS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/9/2021	RunNo:	153629		
Client ID:	LCSW	Batch ID:	87951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/16/2021	SeqNo:	4247565		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 10.021 1.0 10.00 0 100 85 115

Sample ID	N045649-002CMS	SampType:	MS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:	6/9/2021	RunNo:	153629		
Client ID:	ZZZZZZ	Batch ID:	87951	TestNo:	EPA 6020	EPA 3010A		Analysis Date:	6/16/2021	SeqNo:	4247570		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 528.750 5.0 10.00 493.7 351 75 125 S

Sample ID	N045649-002CMSD	SampType: MSD	TestCode: 6020DIS_CrP	Units: µg/L	Prep Date: 6/9/2021	RunNo: 153629					
Client ID: ZZZZZZ	Batch ID: 87951	TestNo: EPA 6020	EPA 3010A	Analysis Date: 6/16/2021	SeqNo: 4247571						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium 527.312 5.0 10.00 493.7 336 75 125 528.7 0.272 20 S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: ARCADIS U.S., Inc. - California
Work Order: N045761
Project: PG&E Hinkley - GMP, 30046045

ANALYTICAL QC SUMMARY REPORT**TestCode: 6020DIS_CrPGE**

Sample ID	N045649-002C-PS	SampType:	PS	TestCode:	6020DIS_CrP	Units:	µg/L	Prep Date:		RunNo:	153629
Client ID:	ZZZZZZ	Batch ID:	87951	TestNo:	EPA 6020		EPA 3010A	Analysis Date:	6/16/2021	SeqNo:	4247569
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chromium		510.683		5.0	10.00	493.7	170	80	120		S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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www.assetlaboratories.com

Client: Arcadis Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678		Report to: Tonya Russi Company: Arcadis Email: tonya.russi@arcadis.com daniel.moore@critigen.com		Bill to: Lisa Kellogg Address: 2300 Clayton Road, Suite 400 Concord, CA 94520		EQD Requirement Excel EQD GeoTracker Labspec Others		QA/QC RTNE RWQCB CalTrans LEVEL III		Sample Receipt Condition 1. Chilled 2. Headspace 3. Container Intact	
Phone: 1 916 865 3188 Fax: 1 916 865 3188 Submitted By: Nana Tap Title: Sample Tech		Address: 101 Creekside Ridge Court, Suite 200, Roseville, CA 95678 Phone: 1 916 865 3188 Fax: 1 916 865 3188		Email to: lisa.kellogg@arcadis.com P.O.# Phone: 951.877.0577 Fax:		Specify: EQD Global ID:		LEVEL IV Regulatory Specify State:		4. Seal Present 5. IR number 6. Method of Cooling:	
Signature: Date: 6/4/21 I hereby authorize ASSET Labs to perform the tests indicated below.		Sampled By: Nana Tap I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for prosecution.		Ground-water x Sediment Potable Soil NPDES Other Solid Surface		Matrix Cr(VI) (E218.6) (NH4)2 SO4, NH4 OH, 4°C, 250 ml Poly Arlone (E300.0) NO3N, 4°C, 1000ml Poly Ortho-Phosphate (E300.0); 4°C, 1000ml Poly TDS (SM2540C); 4°C, 1000ml Poly Gross Alpha/Beta (E900); HNO3; 2x1000ml Poly TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Metals Dissolved (6020AFF) As; HNO3, 4°C; 500 ml Poly Metals Dissolved (6010BDis) Fe; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Mn; HNO3, 4°C; 500 ml Poly Metals Dissolved (6020AFF) Cr; HNO3, 4°C; 500 ml Poly Uranium (E200.8FF) HNO3, 4°C; 500 ml Poly		TPH-D (6015B) 3x1 Liter Amber Glass, 4°C TPH-D (6015B) Silica Gel Cleanup 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (6015B) 3x1 Liter Amber Glass, 4°C TPH-Extractables Motor Oil (6015B) Silica Gel Cleanup, 3 x1 Liter Amber Glass, 4°C TOC (SM5310) H2SO4, 4°C 3X40 ml VOA Anions (E300.0) SO4; 4°C; 1000ml Poly		Sample Temp: 1.6°C Courier: ASSET Tracking No.:	
Project Name: PG&E Hinkley - GMP Project Number: 30046045		Signature: Date: 6/4/21		Sample Date Sample Time Others		Turn Around Time (TAT) A <24 Hrs or Same Day TAT B = Next Workday C = 2 Workdays D = 3 Workdays E = Routine 5-7 Workdays		Special Instruction:		Remarks	
Item No. Laboratory Work Order No. Sample ID/Location		MW-74D-RE-0621 MW-202S-RE-0621 EB-788-Q221		6/4/2021 0930 0930		x x x		m m m		2 2 1	
Relinquished by (Signature and Printed Name): Nana Tap Date/Time: 6/4/21 1000		Relinquished by (Signature and Printed Name): Date/Time: 6/4/21 1200		Relinquished by (Signature and Printed Name): Date/Time: 6/4/21 1200		Relinquished by (Signature and Printed Name): Date/Time: 6/4/21 1440		Relinquished by (Signature and Printed Name): Date/Time: 6/4/21 1440		Relinquished by (Signature and Printed Name): Date/Time: 6/4/21 1440	
Terms: 1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis. 3. Custom EDD formats will be an additional 3% of the total project price.		8. Trip blanks and equipment blanks are billable samples. 9. Asset Laboratories is not responsible for samples collected using incorrect methodology. 10. Terms are net 30 days. 11. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy or report is needed. 12. For subcontract analysis, TAT and surcharge will vary.		Preservatives: H=HCL N=HNO3 S=H2SO4 C=4°C Z=Zn(AC)2 O=NaOH T=Na2S2O3 Others/Specify: B (NH4)2SO4/NH4OH		Container Type: T=Tube V=VOA P=Pin J=Jar B=Tedlar G=Glass M=Metal M=Metal C=Can					

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/4/2021

Workorder: N045761

Rep sample Temp (Deg C): 1.6

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: None

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

For:

Checklist Completed By: YR GGarcia 6/7/2021

Reviewed By:



6/8/2021

ASSET Laboratories

WORK ORDER Summary

07-Jun-21

WorkOrder: N045761

Client ID: ARCUS02

Project: PG&E Hinkley - GMP, 30046045

QC Level: Level IV

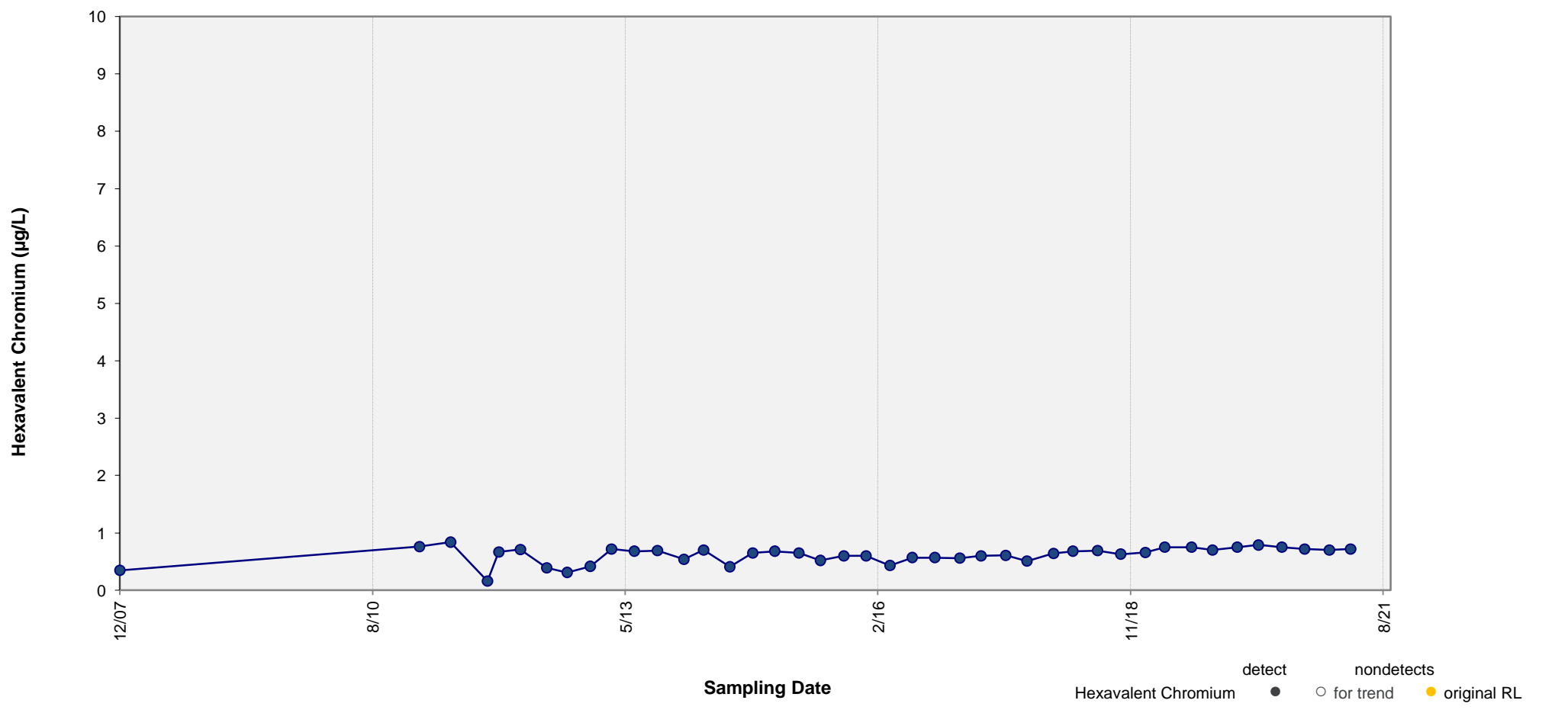
Date Received: 6/4/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N045761-001A	MW-74D-RE-0621	6/4/2021 9:18:00 AM	6/18/2021	Groundwater	EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045761-001B			6/18/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/18/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045761-002A	MW-202S-RE-0621	6/4/2021 9:51:00 AM	6/18/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045761-002B			6/18/2021		EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			6/18/2021		EPA 6020	DISSOLVED METALS BY ICP-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045761-003A	EB-788-Q221	6/4/2021 9:30:00 AM	6/18/2021		EPA 218.6	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N045761-004A	FOLDER	6/18/2021	6/18/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/18/2021		Folder	Level IV Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/18/2021		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

Appendix G

Concentration Trends for Selected Monitoring Wells



Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = 0.003 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

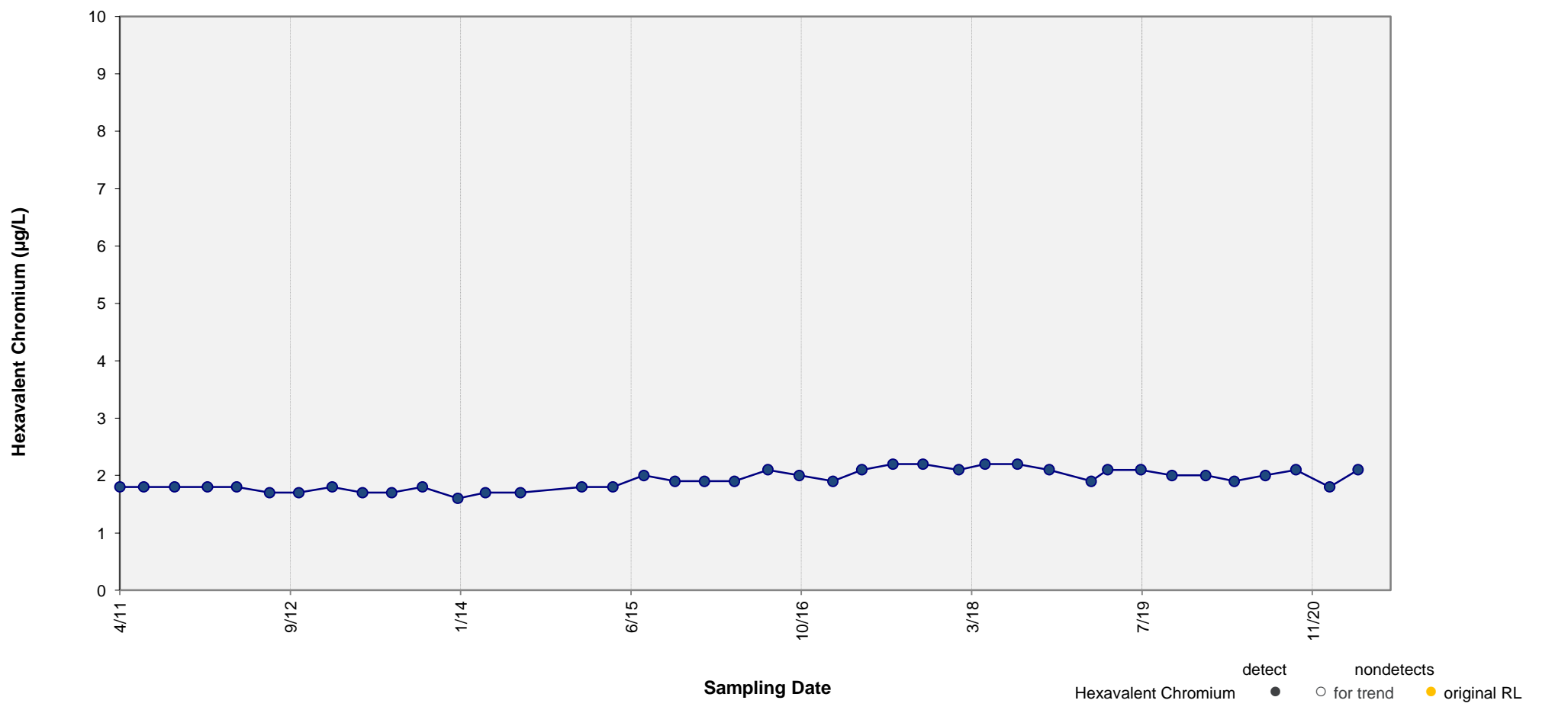
INCREASING TREND

Median Slope Estimate = 5.4E-05 µg/L Per Day
95% Confidence Interval = 1.2E-05 to 9.6E-05 µg/L Per Day



Concentration vs. Time Plot – Hexavalent Chromium in Well 02-23
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley

Figure G-1



Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value =

Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

INCREASING TREND

Median Slope Estimate =

µg/L Per Day

95% Confidence Interval =

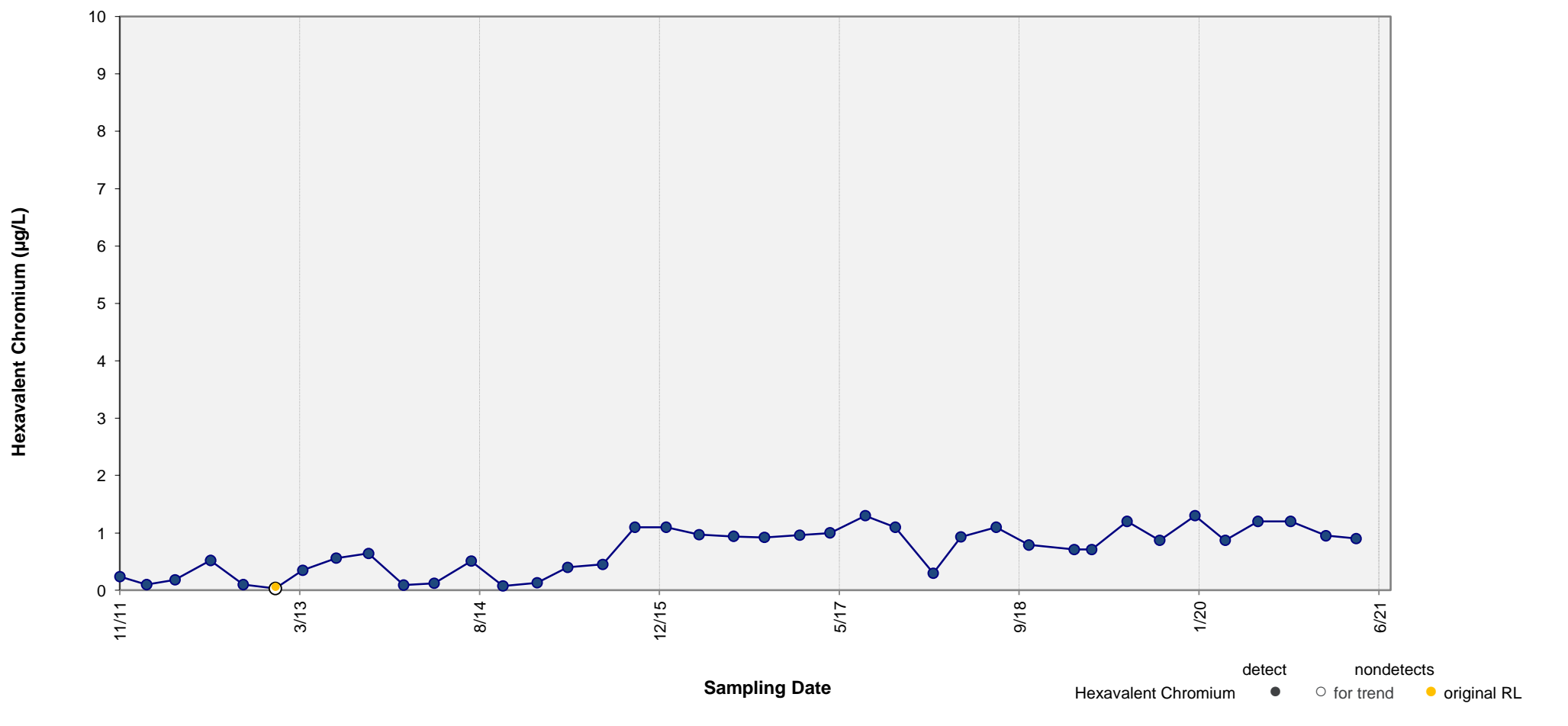
to

µg/L Per Day



Concentration vs. Time Plot – Hexavalent Chromium in Well 22-75
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley

Figure G-2



Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = <0.001 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

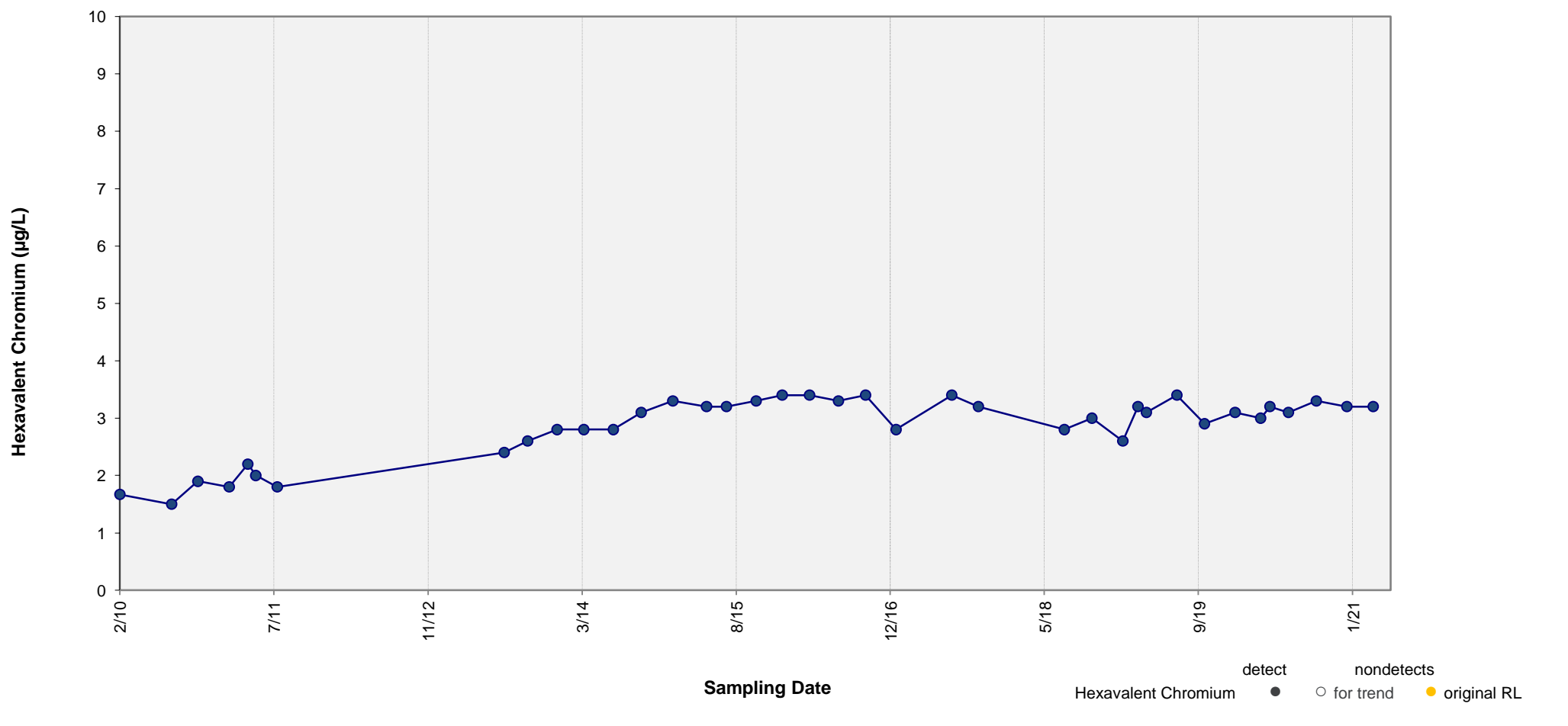
INCREASING TREND

Median Slope Estimate = 2.8E-04 µg/L Per Day
 95% Confidence Interval = 1.9E-04 to 3.7E-04 µg/L Per Day



Concentration vs. Time Plot – Hexavalent Chromium in Well 22-82
 Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley

Figure G-3



Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = **<0.001**

Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

INCREASING TREND

Median Slope Estimate =

3.1E-04

µg/L Per Day

95% Confidence Interval =

1.7E-04

to

4.2E-04

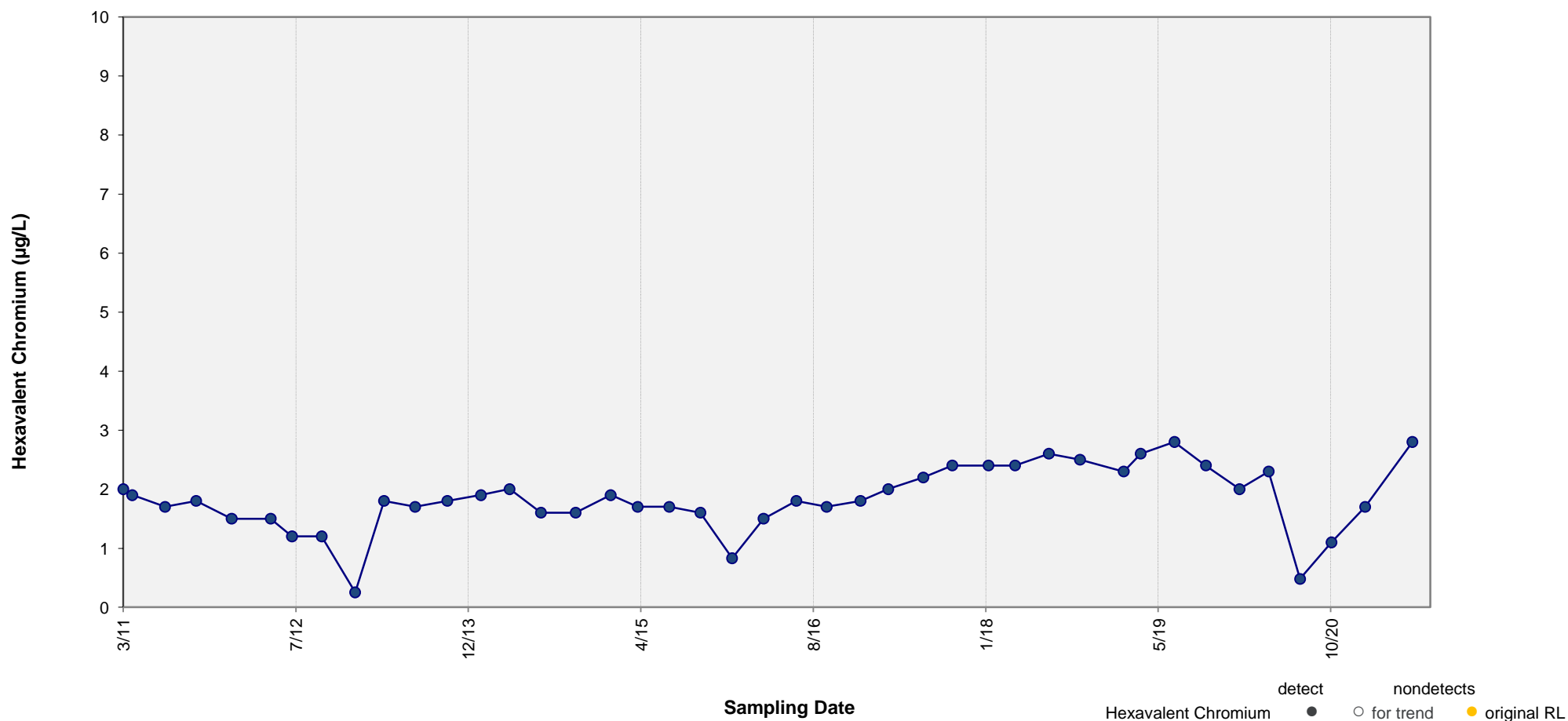
µg/L Per Day



Concentration vs. Time Plot – Hexavalent Chromium in Well 23-30

Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley

Figure G-4



Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = 0.001

Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

INCREASING TREND

Median Slope Estimate =

2.4E-04

µg/L Per Day

95% Confidence Interval =

9.1E-05

to

3.6E-04

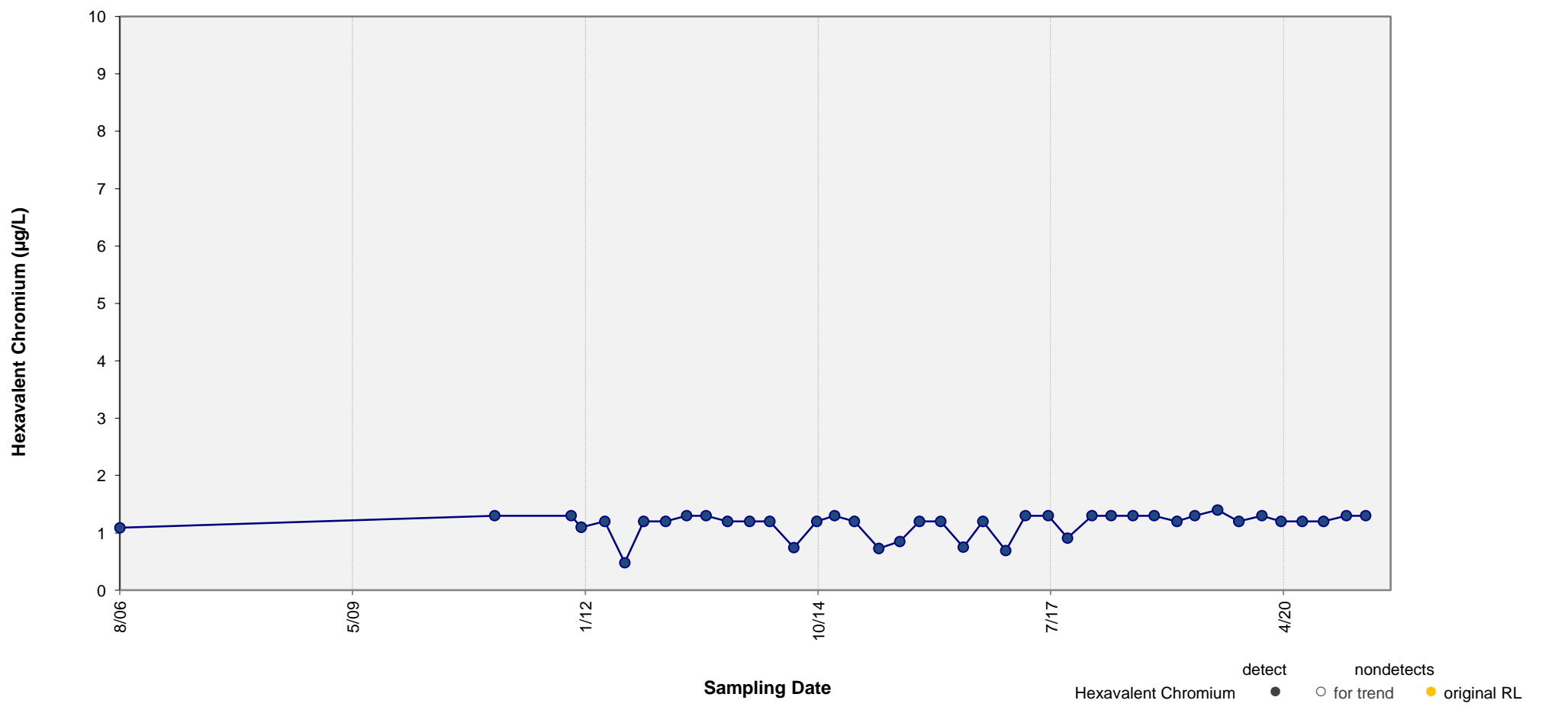
µg/L Per Day



Concentration vs. Time Plot – Hexavalent Chromium in Well 27-49

Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley

Figure G-5



Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = 0.035 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

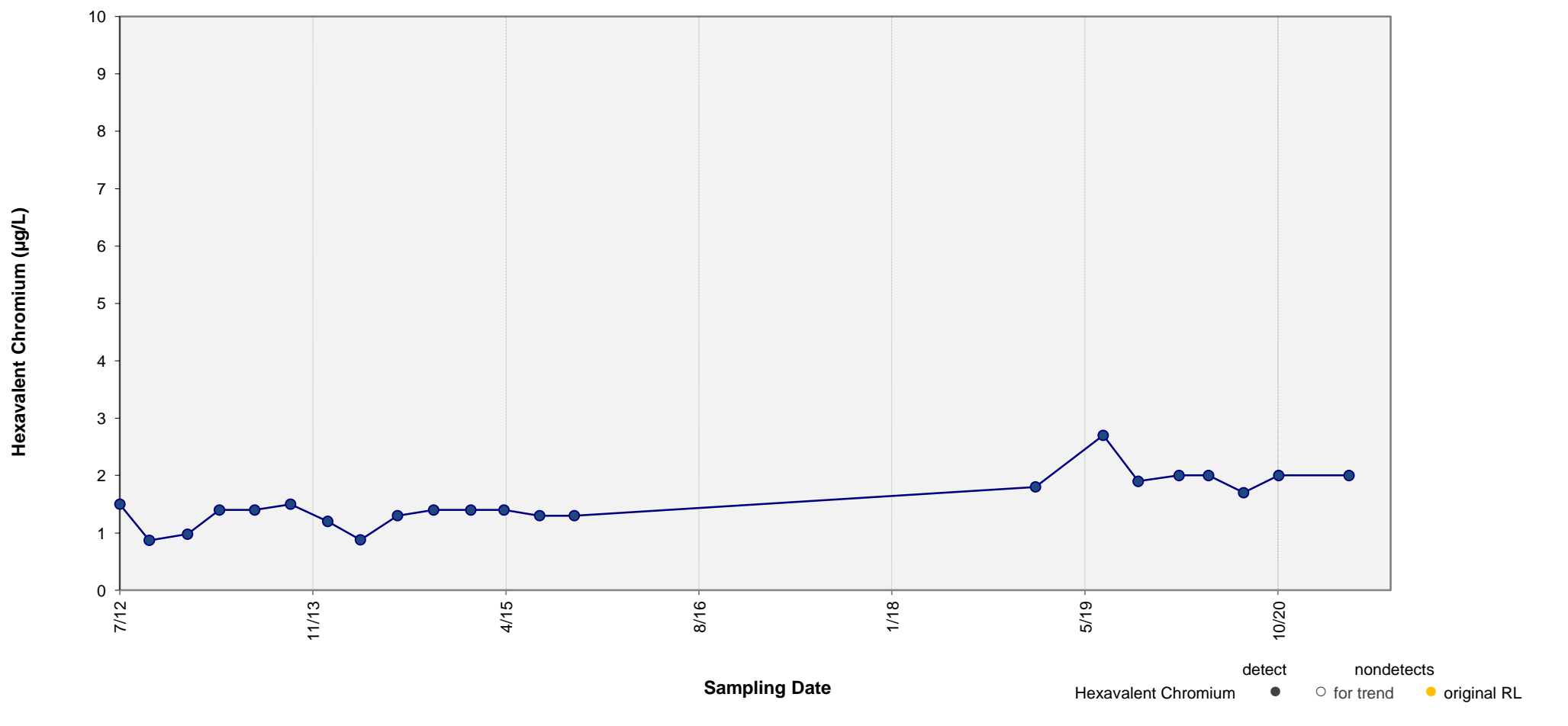
No trend

Median Slope Estimate = 0.0E+00 µg/L Per Day
95% Confidence Interval = 0.0E+00 to 4.4E-05 µg/L Per Day



Concentration vs. Time Plot – Hexavalent Chromium in Well 28-20
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley

Figure G-6



Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value =

Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

INCREASING TREND

Median Slope Estimate =

µg/L Per Day

95% Confidence Interval =

to

µg/L Per Day



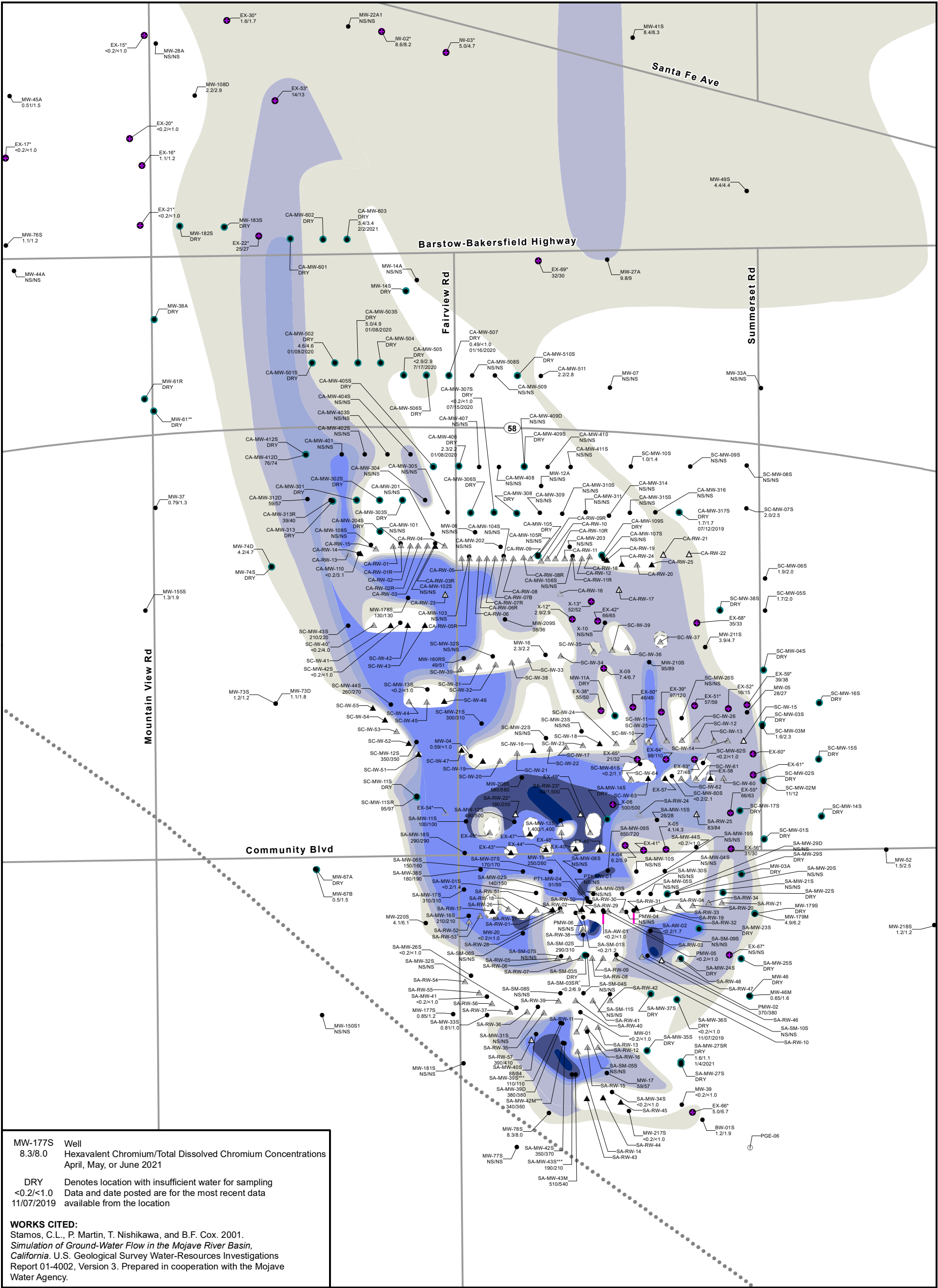
Concentration vs. Time Plot – Hexavalent Chromium in Well 31E-07

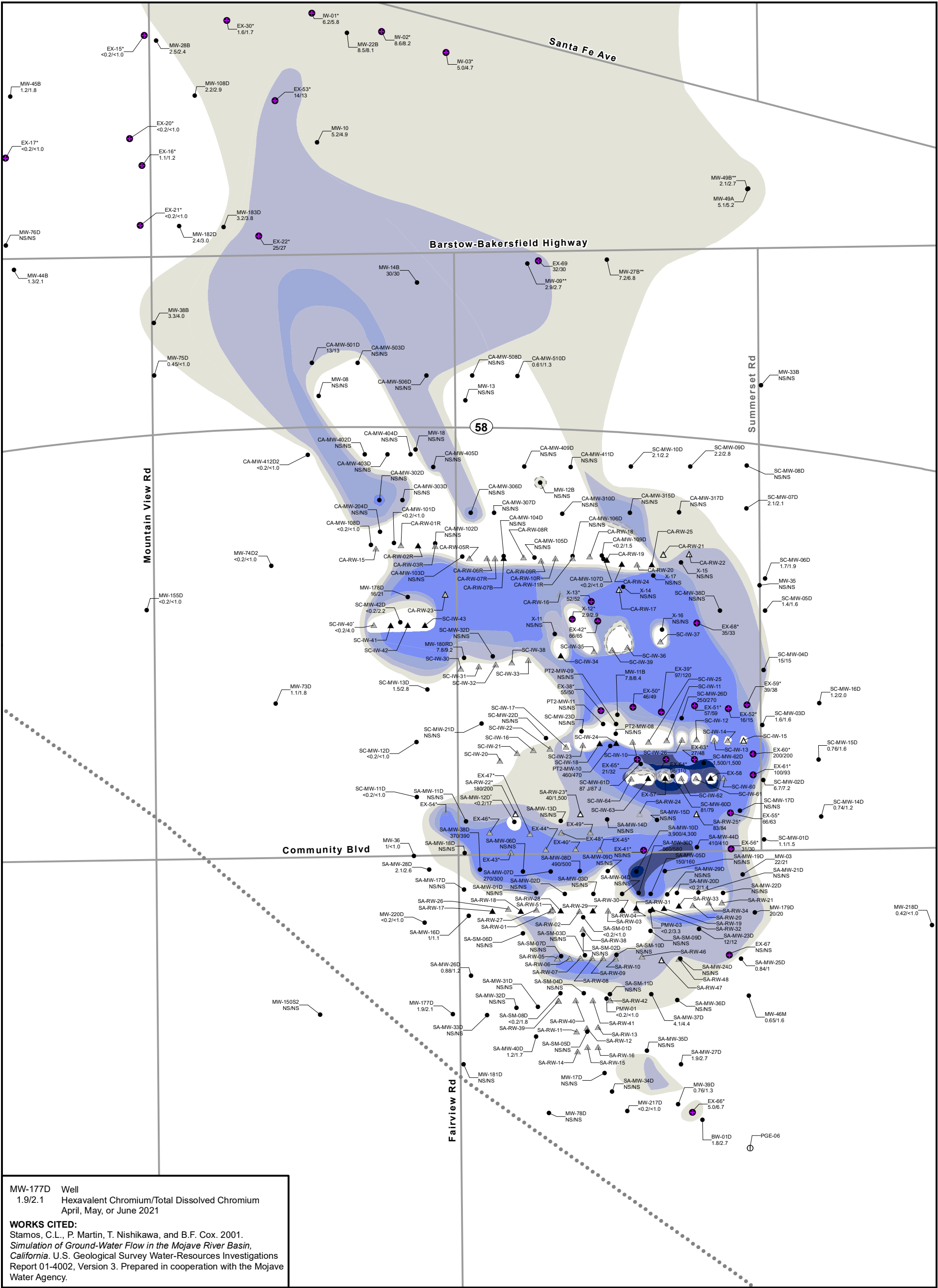
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley

Figure G-7

Appendix H

Chromium Contour Figures from In-Situ Reactive Zone Report





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